

浙江承耀电气有限公司
ZHEJIANG SENSYOR ELECTRIC CO., LTD.

A . 浙江省乐清市柳市镇湖东五路 20 号
20, Hudongwu Road, Liushi Town, Yueqing City, Zhejiang Province
T . 0577-57177747 W . www.chcydq.cn



www.chcydq.cn

PRODUCTS SELECTION

GUIDE

产品选型手册

INHERIT THE GLORY OF LOCALIZATION
OF CHINESE SENSORS

承耀传感器
CHENGYAO SENSOR

Technology based optoelectromechanical sensor integrator

科技型光机电传感集成商

浙江承耀电气有限公司属于光机电传感科技型企业，作为工控行业的先进制造企业，一直专注编码器、传感器的研制，成为细分行业的头部企业。公司始终坚持以传承传感器国产化之荣耀”为目标，”让中国传感感知世界为愿景。我们致力于对磁、光机电传感技术的应用研发设计制造高性能工业传感器产品。从运动控制的旋转编码器到位置传感器，为不同行业的客户提供舒心的服务并且积累了丰富的经验。我们的传感器解决方案可为人与机器之间提供更可靠、更智能、更易用、更环保。从而将创新的工业传感器性能提高到一个新的水平。

Zhejiang Chengyao Electric Co. Ltd. is an optoelectromechanical sensing technology-based enterprise and, as an advanced manufacturing enterprise in the industrial control industry, has always focused on the research and development of encoders and sensors, thus becoming a leading enterprise in the segmented industry. This Co. always adheres to the goal of inheriting the glory of localization of sensors and the vision of making Chinese sensors perceive the world. We are committed to the application research, development, design, and manufacturing of high-performance industrial sensor products for magnetic and optoelectromechanical sensing technologies. From motion control rotary encoders to position sensors, we provide comfortable services for customers in different industries and have accumulated rich experience. The sensor solutions can provide more reliable, intelligent, user-friendly, and environmentally friendly communication between humans and machines, so as to elevate the performance of innovative industrial sensors to a new level.



sensor 承耀

www.chcydq.cn



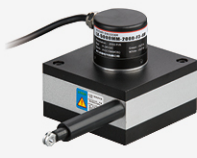
	25 系列	30 系列	38 实心轴系列			
产品型号 product model	GOS25	GOS30	GNS38B	GOS38	GOS38A02	GOS38A03
产品图片 product picture						
外径 (外形尺寸) outer diameter (external dimension)	25mm	30mm	38mm	38mm	38mm	38mm
轴孔径 (安装尺寸) shaft aperture (installing dimension)	4mm	4mm (默认) 5mm	6mm	6mm (默认) 8mm	6mm	6mm
脉冲可选 pulse selectable	1-4096	1-4096	100,200,360,400,600	1-10000	1-10000	1-10000
输出方式 way of output	C: 集电极开路 collector open circuit	√	√	√		√
	F: 互补输出 complementary output	√	√	√	√	√
	T: 推挽输出 push pull output			√	√	
	L: 5V 驱动输出 5V drive output	√	√	√	√	√
	A: 24V 驱动输出 24V drive output			√	√	
可替代型号 replaceable model	欧姆龙 E6A2 Omron E6A2	内密控 OSS			宜科 EB38A6	内密控 OVW2
页码 page	01	03	05	07	09	11

	38 全空心	40 系列	45 系列	48 系列	
产品型号 product model	GLT38B	GOS40	GLS45C	GOT48	GOS5006B
产品图片 product picture					
外径 (外形尺寸) outer diameter (external dimension)	38mm	40mm	45mm	48mm	50mm
轴孔径 (安装尺寸) shaft aperture (installing dimension)	8mm	6mm	6mm	9mm (默认) 8mm (直孔)	6mm
脉冲可选 pulse selectable	1-2500	1-10000	1-5000	500,1000,1024,2500	1-10000
输出方式 way of output	C: 集电极开路 collector open circuit	√	√		√
	F: 互补输出 complementary output	√	√		√
	T: 推挽输出 push pull output	√			
	L: 5V 驱动输出 5V drive output	√	√	√	√
	A: 24V 驱动输出 24V drive output	√			
可替代型号 replaceable model		欧姆龙 E6B2		多摩川 OIH48	欧姆龙 E6C2
页码 page	27	29	31	33	35

				38 半空心系列		
GOS38A04	GOS38A05	GOS38D	GOS38E	GOH38	GOH38A01	GOH38A02
						
38mm	38mm	38mm	38mm	38mm	38mm	38mm
6mm	6mm	6mm	6mm	8mm (默认) 6mm	8mm	8mm
1-10000	1-5000	1-1024	1-10000	1-10000	1-10000	1-10000
	√	√	√	√	√	
	√	√	√	√	√	
√			√	√		√
√	√		√	√	√	√
√	√		√	√		√
光洋 TRD-2T					内密控 HES	光洋 TRD-2TH
13	15	17	19	21	23	25

50 系列					
GOS5008B	GOS5008A01	GOS50C	GLS50H	GOH50A01	AOS50A
					
50mm	50mm	50mm	50mm	50mm	50mm
8mm (默认) 6mm	8mm	8mm	8mm	8mm	6mm
1-10000	1-10000	1-10000	1-5000	1-10000	256,360,512, 720,1024,2048,4096
√			√		√
√	√				
√		√	√	√	
√	√	√	√	√	
√	√	√	√	√	
	欧姆龙 E6C3	光洋 TRD-J	奥托尼克斯 E50S8	光洋 TRD-NH	欧姆龙 E6CP
37	39	41	43	45	47

58 系列						
产品型号 product model	GOS58	GLS58B02	COS58F03	GOS58F04	GOS58B05	GLS5815F
产品图片 product picture						
外径 (外形尺寸) outer diameter (external dimension)	58mm	58mm	58mm	58mm	58mm	58mm
轴孔径 (安装尺寸) shaft aperture (installing dimension)	8mm (默认) 6mm, 10mm, 12mm, 15mm	8mm (默认) 6mm, 10mm, 12mm, 15mm	10mm	10mm	10mm	15mm
脉冲可选 pulse selectable	1-5000	1-5000	1-5000	1-5000	1-5000	1-5000
输出方式 way of output	C: 集电极开路 collector open circuit					
	F: 互补输出 complementary output					√
	T: 推挽输出 push pull output	√	√		√	
	L: 5V 驱动输出 5V drive output	√	√	√	√	√
	A: 24V 驱动输出 24V drive output	√	√	√	√	
可替代型号 replaceable model	倍加福 RVI58	倍加福 RVI58				
页码 page	49	51	53	55	57	59

拉绳系列					
产品型号 product model	40 拉绳	50 拉绳	78 拉绳	115 拉绳	LX120S
产品图片 product picture					
外径 (外形尺寸) outer diameter (external dimension)	40x40mm	50x50mm	78x78mm	115x115mm	80×120mm
轴孔径 (安装尺寸) shaft aperture (installing dimension)	25mm	25mm	40mm	80mm	67mm
脉冲可选 pulse selectable	1-5000	1-5000	1-5000	1-5000	1-5000
输出方式 way of output	C: 集电极开路 collector open circuit	√	√	√	√
	F: 互补输出 complementary output	√	√	√	√
	T: 推挽输出 push pull output	√	√	√	√
	L: 5V 驱动输出 5V drive output	√	√	√	√
	A: 24V 驱动输出 24V drive output	√	√	√	√
可替代型号 replaceable model					
页码 page	73	75	77	79	81

		63 系列	80 全空心系列	100 全空心系列	
GLT58	GLT5812B	GOS63	GLT8030B	GLT10030B	GLT10045B
					
58mm	58mm	63mm	80mm	100mm	100mm
12mm 15mm	10mm、12mm 14mm、15mm	10mm 15mm	30mm(默认) 28mm 25mm 22mm 20mm	30mm(默认) 35mm 38mm 40mm 45mm	45mm(默认) 40mm 38mm 35mm 30mm
1-5000	1-5000	1-5000	1-4096	1-4096	1-4096
			√		
		√	√		
√	√				
√	√	√	√	√	√
√	√	√	√	√	√
61	63	65	67	69	71

	手轮系列		手持盒
轮型增量旋转编码器	60 手轮	80 手轮	RST1469
			
50mm	60mm	80mm	134x69mm
24mm	50.8mm	72mm	
24mm	25,100	25,100	25,100
	√	√	√
	√	√	√
√			
	√	√	√
			√
83	85	87	89



GOS25C

SERIES

25 系列 旋转编码器

25 series rotary encoder

特点 Characteristic

- 外径 $\Phi 25\text{mm}$ ，轴径 $\Phi 4\text{mm}$
 - Outer diameter $\Phi 25\text{mm}$ ，shaft diameter $\Phi 4\text{mm}$
- 增强替代日本欧姆龙 E6A2 系列编码器
 - Enhanced replacement of Japanese Omron E6A2 series encoders
- 分辨率可选 :4096 以内任意脉冲数
 - Resolution optional: any number of pulses within 4096
- 输出方式 : 增加 5V 驱动差分输出
 - Way of output: increase 5V drive differential output
- 抗震动、灰尘等恶劣环境下使用
 - Used in anti-shock, dust etc. severe environments

用途 Purpose

- 加工机械，包装机械等狭小空间安装自动化、半自动化领域应用。
- Application in the field of automation and semi-automatic installation in narrow spaces such as processing machinery and packaging machinery.

产品型号及意义 Product model and meaning

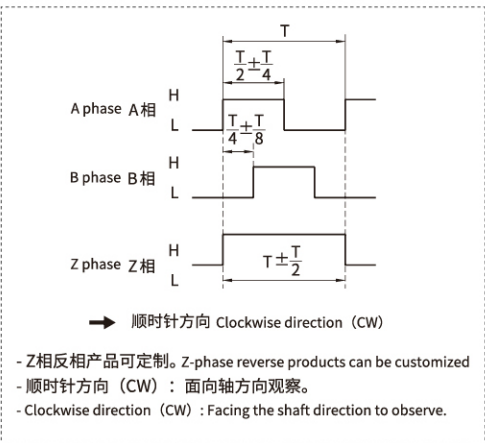
G	O	S	25	□	C	-	200	-	C	3	-	0.7M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magnetoelectricity	S: 实心轴 solid shaft	25: $\Phi 25\text{mm}$	□: $\Phi 4\text{mm}$	C: 后出胶皮 rear rubber cover		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,4096 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output L: 5V 驱动输出 5V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 0.7m 米线，可 不填。非 0.7m 标注 即可 Default 0.7m line, optional. For non 0.7m, labeling is sufficient

选型示例 : GOS25C-200-C3: 增量型实心轴编码器，外径 25mm，轴径 4mm，后出线胶皮护套套，分辨率 200 脉冲，DC10.8-26.4V 集电极开路输出，ABZ 三相信号，0.7 米电缆线。

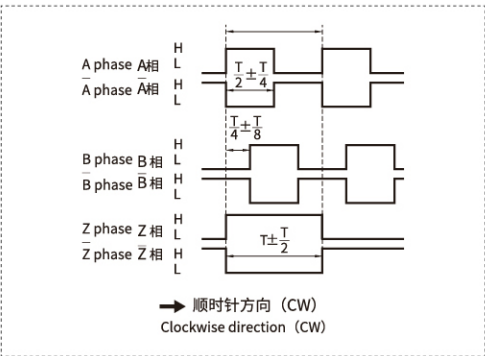
Model selection example: GOS25C-200-C3: incremental solid shaft encoder, outer diameter 25mm, shaft diameter 4mm, rear outlet rubber protective wire sleeve, resolution 200 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 0.7 meter cable.

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出
complementary output/NPN collector open circuit output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	C/F 输出信号 C/F output signal	线色 Line color	L 输出信号 L output signal
棕 brown	VCC	棕 brown	VCC
蓝 blue	GND	蓝 blue	GND
黑 black	A 相 A phase	黑 black	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
橙 orange	Z 相 Z phase	橙 orange	Z 相 Z phase
屏蔽 shield	F·G	屏蔽 shield	F·G

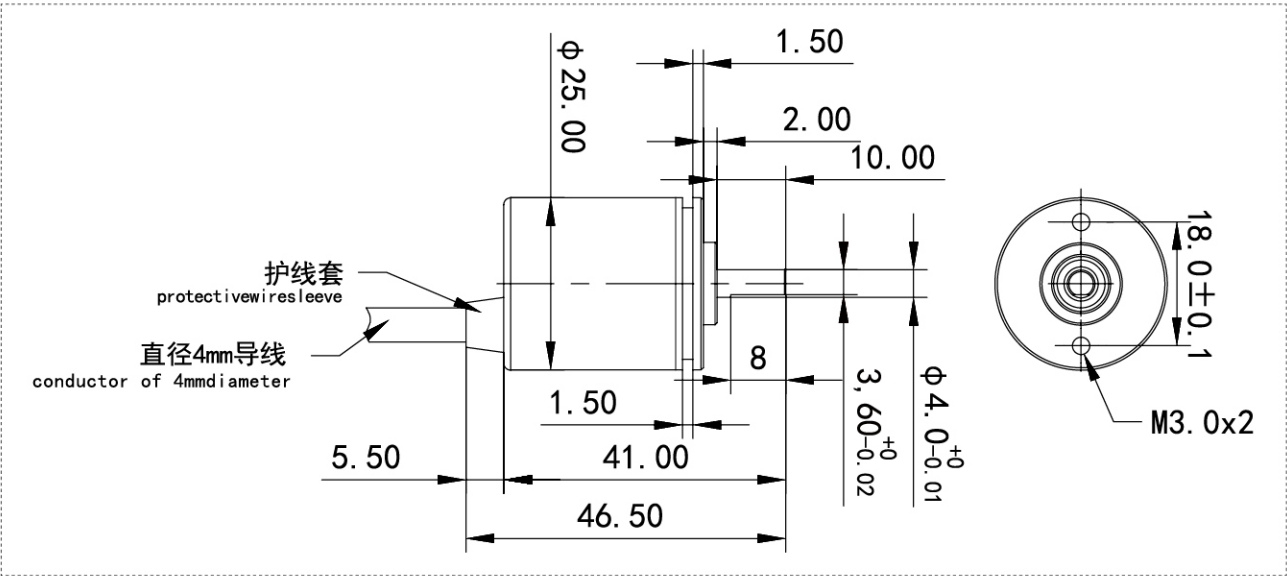
※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出
L 输出: 长线驱动输出
E,C,F: 供电电压为 DC10.8-26.4V L: 供电电压为 DC5V

※Note:

F output: Complementary output C output: NPN collector open circuit output
L output: long line drive output
E,C,F: The power supply voltage is DC10.8-26.4V
L: The power supply voltage is DC5V

机械图 (mm) Mechanical drawings(mm)





GOS30C

SERIES

30 系列 旋转编码器

30 series rotary encoder

特点 Characteristic

- 外径 $\Phi 30\text{mm}$ ，轴径 $\Phi 4$ 、 $\Phi 5\text{mm}$
 - Outer diameter $\Phi 30\text{mm}$ ，shaft diameter $\Phi 4$ 、 $\Phi 5\text{mm}$
- 增强替代内密控 OSS 系列编码器
 - enhanced replacement of internal security control OSS series encoders
- 分辨率可选：4096 以内任意脉冲数
 - Resolution optional: any number of pulses within 4096
- 输出方式：增加 5V 驱动差分输出
 - Way of output: increase 5V drive differential output
- 抗震动、灰尘等恶劣环境下使用
 - Used in anti-shock, dust etc. severe environments

用途 Purpose

- 鞋机、贴片机、自动化流水线、包装机械等狭小空间安装自动化、半自动化领域应用
- Applicable for the installation of automation and semi automation fields in a narrow space such as shoe machines, SMT machines, automated assembly lines, packaging machinery, etc.

产品型号及意义 Product model and meaning

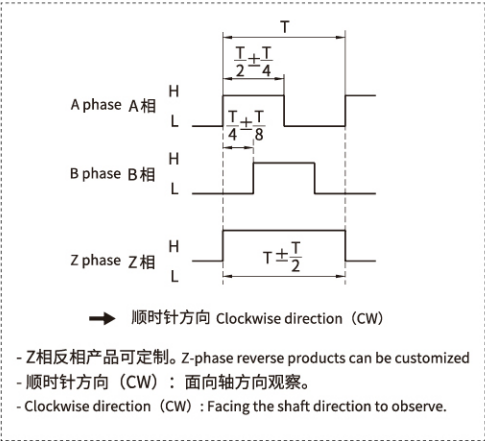
G	O	S	30	□	C	-	200	-	C	3	-	0.7M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magnetoelectricity	S: 实心轴 solid shaft	30: $\Phi 30\text{mm}$	□: $\Phi 4\text{mm}$ 5: $\Phi 5\text{mm}$	C: 后出胶皮 rear rubber cover		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,4096 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output L: 5V 驱动输出 5V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 0.7m 米线，可 不填。非 0.7m 标注 即可 Default 0.7m line, optional. For non 0.7m, labeling is sufficient

选型示例：GOS30C-200-F3 增量型实心轴编码器，外径 30mm，轴径 4mm，后出线胶皮护套，分辨率 200 脉冲，DC10.8-26.4V 互补输出，ABZ 三相信号，0.7 米电缆线

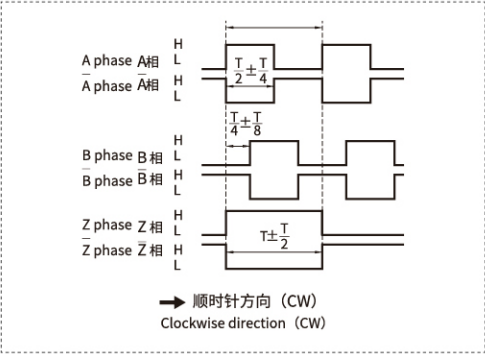
Model selection example: GOS30C-200-F3 incremental solid shaft encoder, outer diameter 30mm, shaft diameter 4mm, rear outlet rubber protective wire sleeve, resolution 200 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 0.7 meter cable.

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出
complementary output/NPN collector open circuit output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	C/F 输出信号 C/F output signal	线色 Line color	L 输出信号 L output signal
棕 brown	VCC	红 red	VCC
蓝 blue	GND	黑 black	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
黄 yellow	Z 相 Z phase	黄 yellow	Z 相 Z phase
屏蔽 shield	F·G	粉 pink	$\bar{A}$ 相 $\bar{A}$ phase
		蓝 blue	$\bar{B}$ 相 $\bar{B}$ phase
		橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
		屏蔽 shield	F·G

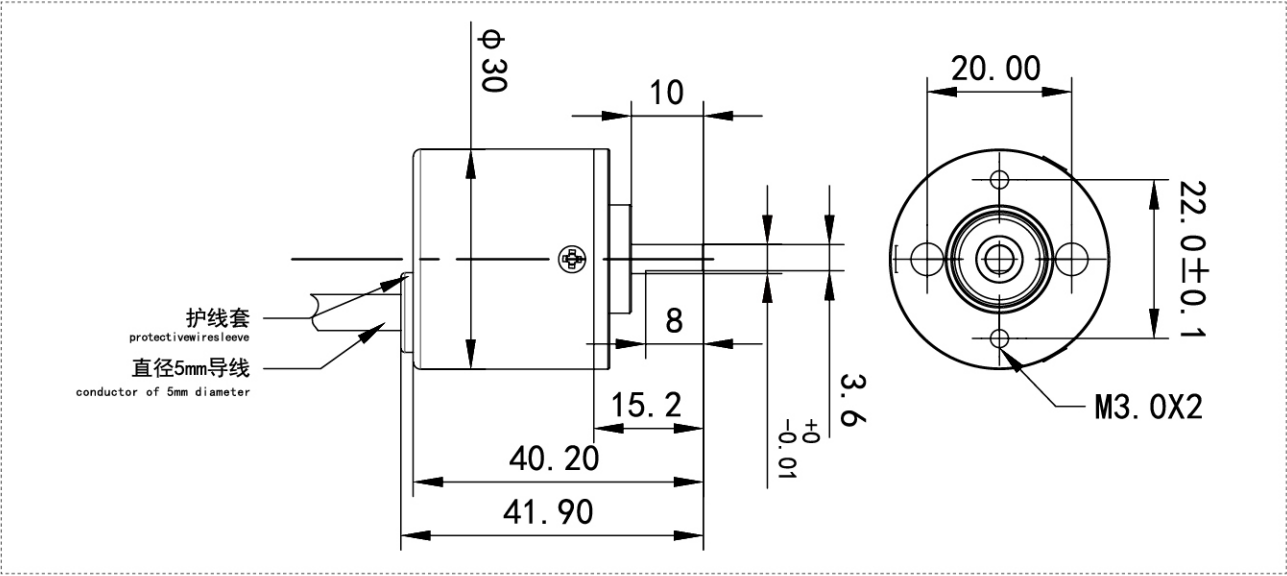
※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出
L 输出: 长线驱动输出
E,C,F: 供电电压为 DC10.8-26.4V L: 供电电压为 DC5V

※Note:

F output: Complementary output C output: NPN collector open circuit output
L output: long line drive output
E,C,F: The power supply voltage is DC10.8-26.4V
L: The power supply voltage is DC5V

机械图 (mm) Mechanical drawings(mm)





GNS38B

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 超强性价比
 - Superstrong cost performance
- 分辨率可选 :100、200、360、400、600P/R
 - selectable resolutions:100、200、360、400、600P/R
- 电缆线长度可定制
 - The cable length can be customized
- 输出两路 A、B 信号
 - Output A, B signals of two circuits
- 具有错接保护电路、抗震性强
 - equipped with wrong connection protection circuit and strong shock resistance

用途 Purpose

- 木工机械、压瓦机、喷码机、包装机械、调直机、弯箍机
 - woodworking machinery, tile pressing machine, spray coding machine, packaging machinery, straightening machine, bending hoop machine
- 测量位移、计米等功能均可选配
 - Displacement measurement and meter counting etc. functions are available for selection.

产品型号及意义 Product model and meaning

G	N	S	38	□	B	-	600	-	F	2	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	N: 电磁 magneto-electricity P: 光电 photoelectricity	S: 实心轴 solid shaft	38:φ38mm	□:φ6mm (默认)	B: 侧出金属 side outlet metal		100、200、 360、400、 600		C: 集电极开路输出 open collector output F: 互补输出 complementary output L:5V 驱动输出 5V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 4:ABA/B/ 相信号 phase ABA/B/ signal		默认 2m 米线, 可 不填。非 2m 标注 即可 Default 2m line, optional. For non 2m, labeling is sufficient

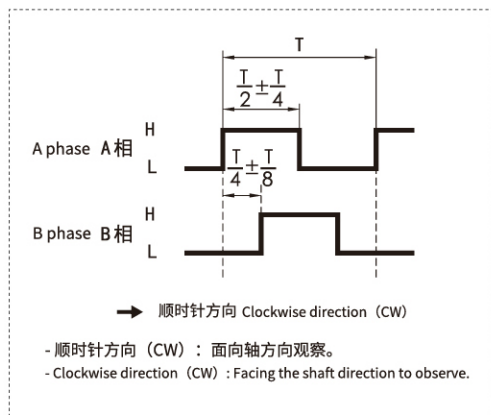
选型示例 : GNS38B-600-F2-2M: 增量型实心轴编码器, 外径 38mm, 轴径 6mm, 侧出线金属护套, 分辨率 600 脉冲, DC10.8-26.4V 互补输出, AB 二相信号, 2 米电缆线

Model selection example: GNS38B-600-F2-2M: incremental solid shaft encoder, outer diameter 38mm, shaft diameter 6mm, side outlet metal protective wire sleeve, resolution 600 pulses, DC10.8-26.4V complementary output, AB two-phase signal, 2-meter cable

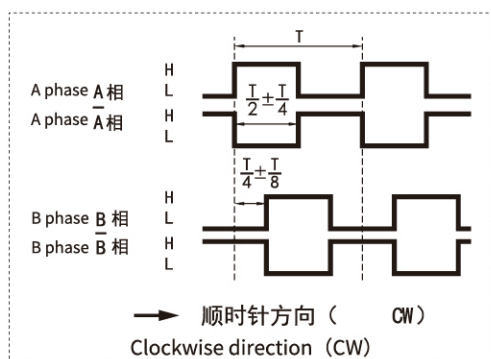
输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出

complementary output/NPN collector open circuit output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	C/F 输出信号 C/F output signal	线色 Line color	L 输出信号 L output signal
红 red	VCC	红 red	VCC
黑 black	GND	黑 black	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
屏蔽 shield	F·G	棕 Brown	$\bar{A}$ 相 $\bar{A}$ phase
		灰 gray	$\bar{Z}$ 相 $\bar{Z}$ phase
		屏蔽 shield	F·G

※ 注 :

F 输出 : 互补输出 C 输出 : NPN 集电极开路输出

L 输出 : 长线驱动输出

C,F: 供电电压为 DC10.8-26.4V L: 供电电压为 DC5V

※Note:

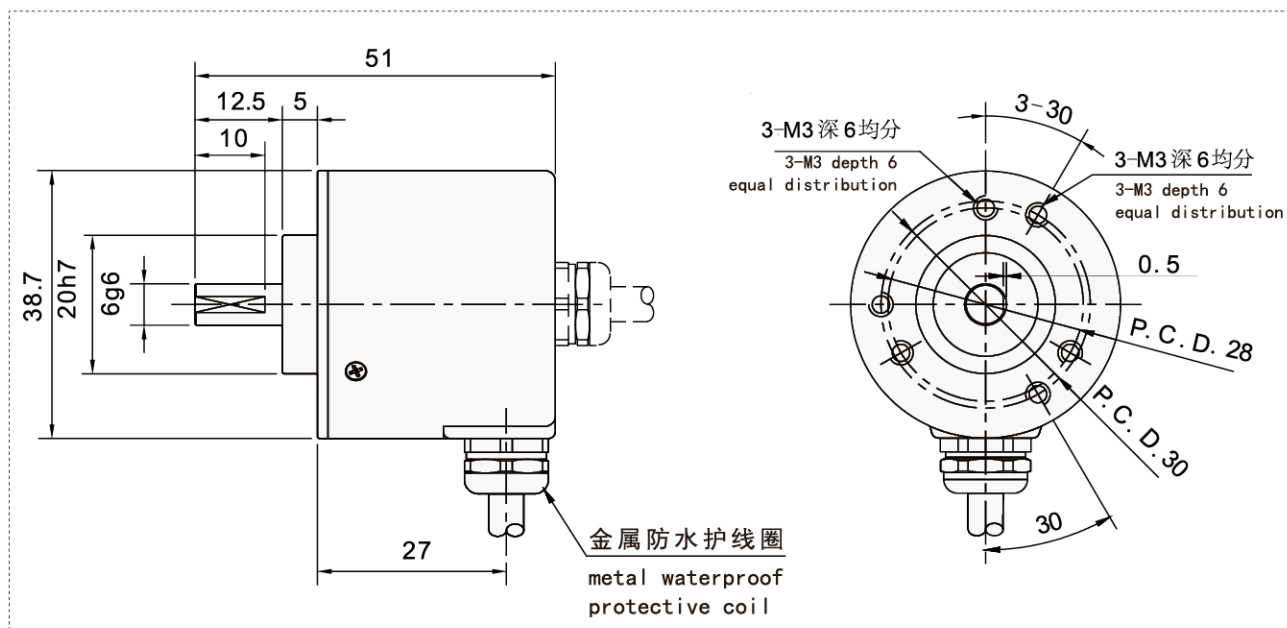
F output: Complementary output C output: NPN collector open circuit output

L output: long line drive output

C,F: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V

机械图 (mm) Mechanical drawings(mm)





GOS38B

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 角度测量，位置测量，转速，速率加速度，长度的测量
- angle measurement, position measurement, rotational speed, rate acceleration, length measurement
- 线缆后出侧出可选
- Cable rear or side outlet is optional.

用途 Purpose

- 加工机械，木工机械，包装机械，一般的工业用机械等等
- processing machinery, woodworking machinery, packaging machinery, general industrial machinery, etc.

产品型号及意义 Product model and meaning

G	O	S	38	□	B	-	2500	-	C	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity P: 光电 photoelectricity	S: 实心轴 solid shaft	38:φ38mm	□:φ6mm (默认) 08:φ8mm	B: 侧出金属 side outlet metal D: 后出金属 rear-outlet metal		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,5000 等		M: 模拟量输出 analog quantity output C: 集电极开路输出 open collector output F: 互补输出 complementary output T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal 7:4-20mA 8:0-5V 9:0-10V		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS38B-2500-C3-2M: 增量型实心轴编码器，外径 38mm，轴径 6mm，侧出线金属护套，分辨率 2500 脉冲，DC10.8-26.4V 集电极开路输出，ABZ 三相信号，2 米电缆线

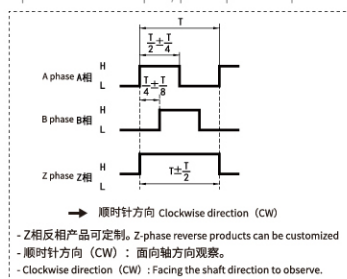
Model selection example: GOS38B-2500-C3-2M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 6mm, side outlet metal protective wire sleeve, resolution 2500 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

互补输出 /NPN 集电极开路

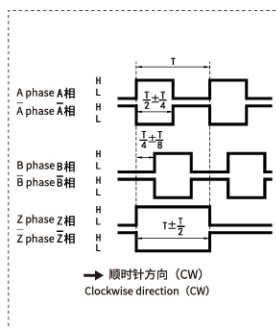
输出 / 推挽输出

complementary output/NPN collector
open circuit output/push pull output



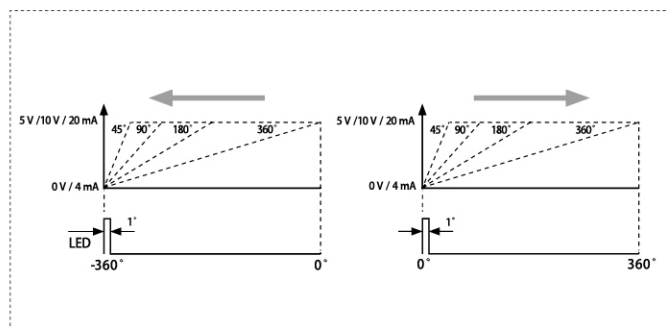
长线驱动输出

long line drive output



模拟量输出 (顺时针)

Analog output (clockwise)



接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal
红 red	Vcc
黑 black	0V
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
红 red	Vcc
黑 black	0V
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
棕 brown	A/ 相 A/phase
灰 gray	B/ 相 B/phase
橙 orange	Z/ 相 Z/phase
屏蔽 shield	F·G

线色 Line color	M 信号 (电流) M signal (current)
棕 Brown	Vcc
白 white	0V
绿 green	+1
黄 yellow	-1
屏蔽 shield	F·G

线色 Line color	M 信号 (电压) M signal (voltage)
棕 Brown	Vcc
白 white	0V
绿 green	+U
黄 yellow	-U
屏蔽 shield	F·G

※ 注：F 输出：互补输出 C 输出：NPN 集电极开路输出
M 输出：模拟量输出 T 输出：推挽输出

L,A 输出：长线驱动输出

M,C,F,T: 供电电压为 DC10.8-26.4V

L: 供电电压为 DC5V A: 供电电压为 DC5-24V

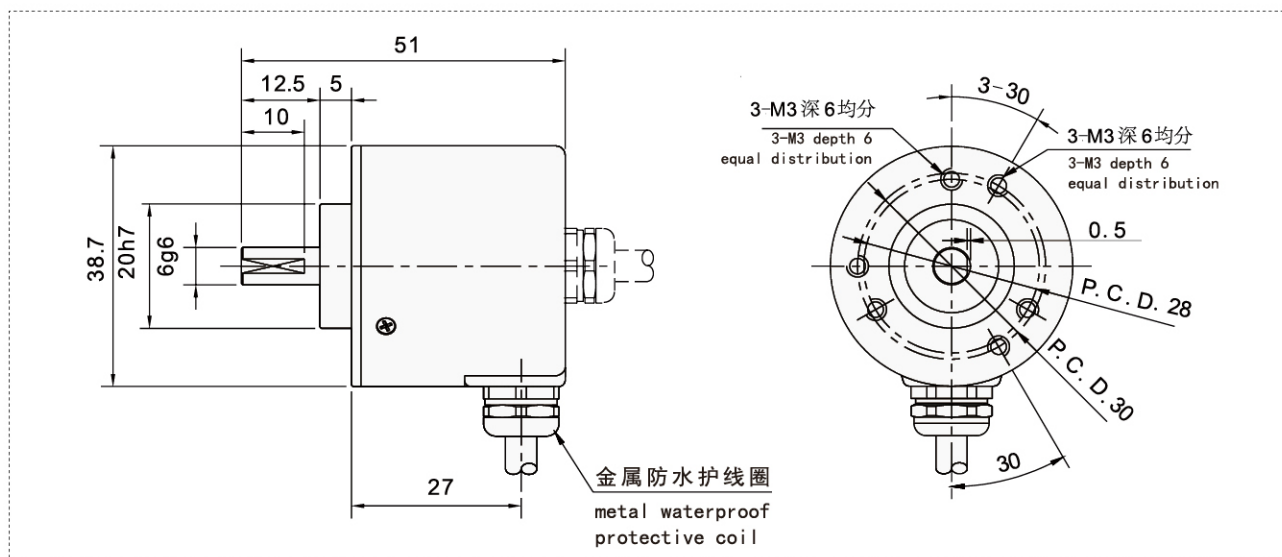
F output:Complementary output C output:NPN collector open circuit output
M output:analog quantity output T output:push pull output

L,A output:long line drive output

M,C,F,T:The power supply voltage is DC10.8-26.4V

L:The power supply voltage is DC5V A:The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOS38A02

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 广泛应用于轻工行业，尤其是印刷包装行业控制应用
- Widely used for control application in the light industry, especially in the printing and packaging industries
- 可完全替代天津宜科 EB38A6、意尔创 EI40A 系列
- Able to completely replace Tianjin Yike EB38A6 and Yierchuang EI40A series
- 分辨率最高可达：10000P/R
- The resolution can be up to: 10000P/R
- 重量轻、精度高、寿命长
- Light weight, high accuracy, long duration
- 具有错接保护电路
- Of wrong connection protective circuit

用途 Purpose

- 印刷机械、包装机械等自动化、半自动控制系統
- Printing machine, packing machine etc. automation, semi-automation control systems

产品型号及意义 Product model and meaning

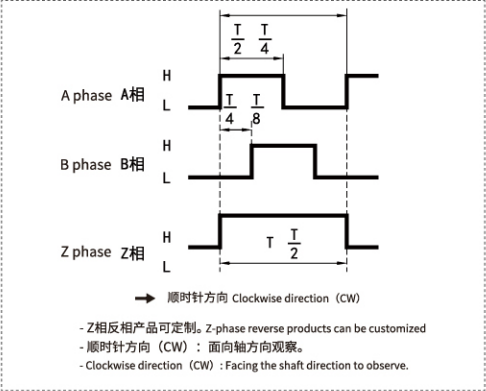
G	O	S	38	□	A	02	-	2000	-	C	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity	S: 实心轴 solid shaft	38:φ38mm	□: φ6mm (默认)	A: 侧出胶皮 side outlet rubber	02: 外形结构 2 outline structure2		10,20,50,60, 100,200,360, 400,500,600, 800,1000, 1024,1200, 2000,2048, 2500,3000, 3600,5000 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS38A02-2000-C3-2M: 增量型实心轴编码器，外径 38mm，轴径 6mm，侧出线胶皮护套，分辨率 2000 脉冲，DC10.8-26.4V 集电极开路输出，ABZ 三相信号，2 米电缆线

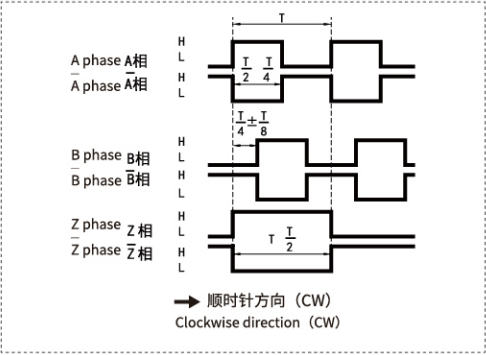
Model selection example: GOS38A02-2000-C3-2M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 6mm, rear outlet rubber protective wire sleeve, resolution 2000pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出 / 推挽输出
complementary output/NPN collector open circuit
output/push pull output



长线驱动输出 long line drive output

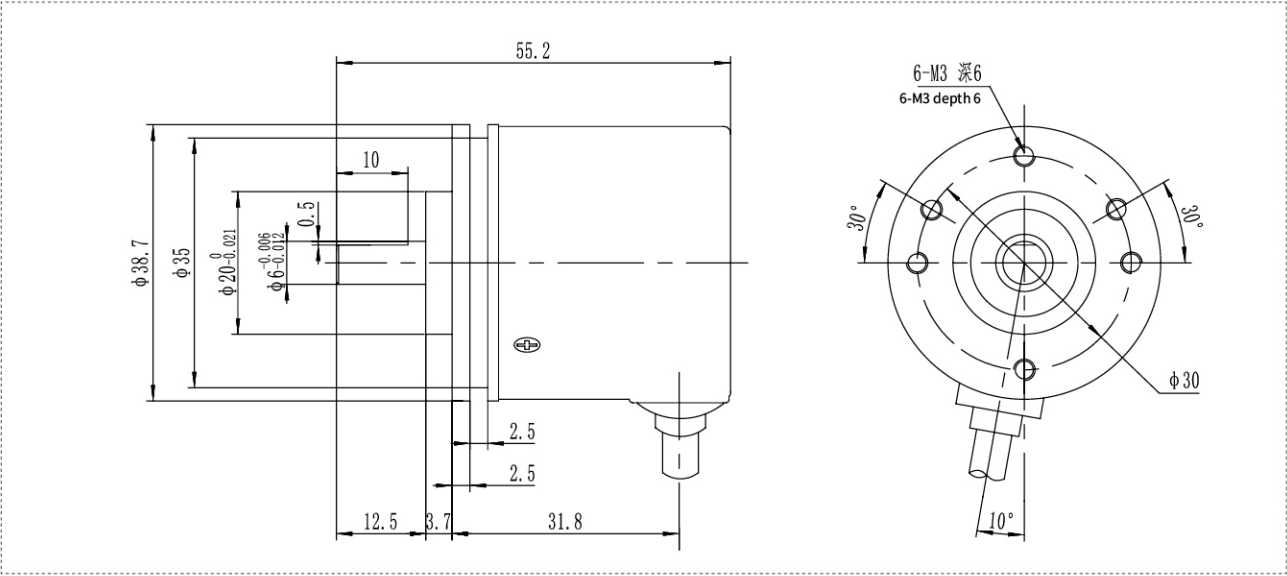


接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal	线色 Line color	L/A 输出信号 L/A output signal
棕 Brown	VCC	棕 Brown	VCC
白 white	GND	白 white	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
灰 gray	B 相 B phase	灰 gray	B 相 B phase
蓝 blue	Z 相 Z phase	蓝 blue	Z 相 Z phase
屏蔽 shield	F·G	屏蔽 shield	F·G

※ 注：
F 输出：互补输出 C 输出：NPN 集电极开路输出
T 输出：推挽输出 L,A 输出：长线驱动输出
C,F,T：供电电压为 DC10.8-26.4V
L：供电电压为 DC5V A：供电电压为 DC5-24V
F output:Complementary output C output:NPN collector open circuit output
T output:push pull output L,A output:long line drive output
C,F,T:The power supply voltage is DC10.8-26.4V
L:The power supply voltage is DC5V A:The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOS38A03

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 完全替代日本 NEMICON 内密控 OVW2 系列
- Completely replacing Japanese NEMICON internal security OVW2 series
- 分辨率最高可达: 10000P/R
- The resolution can be up to: 10000P/R
- 超薄、精度高、寿命长
- extra-thin, high accuracy, long duration
- 具有错接保护电路
- of wrong connection protective circuit
- 抗电磁干扰
- anti electromagnetic interference

用途 Purpose

- 全自动、半自动设备上做信号控制反馈输出
- Used as signal control and feedback output on full and semi-automation equipments

产品型号及意义 Product model and meaning

G	O	S	38	□	A	03	-	1000	-	F	3	-	0.7M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity	S: 实心轴 solid shaft	38:φ38mm	□:φ6mm (默认)	A: 侧出胶皮 side outlet rubber	03: 外形结构 3 outline structure3		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,4096 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output L: 5V 驱动输出 5V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 0.7m 米线, 非 0.7m 标注 即可 Default 0.7m line, For non 0.7m, labeling is sufficient

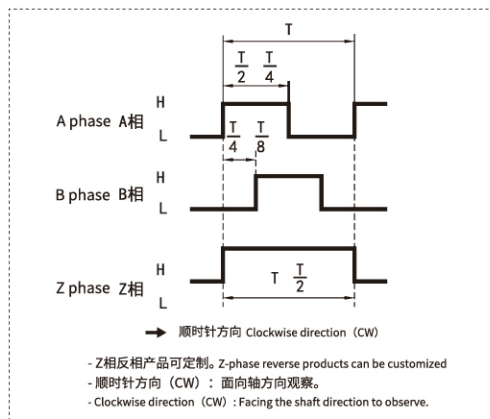
选型示例: GOS38A03-1000-F3-0.7M: 增量型实心轴编码器, 外径 38mm, 轴径 6mm, 侧出线胶皮护套线套, 分辨率 1000 脉冲, DC10.8-26.4V 互补输出, ABZ 三相信号, 0.7 米电缆线

Model selection example: GOS38A03-1000-F3-0.7M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 6mm, side outlet rubber protective wire sleeve, resolution 1000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 0.7-meter cable

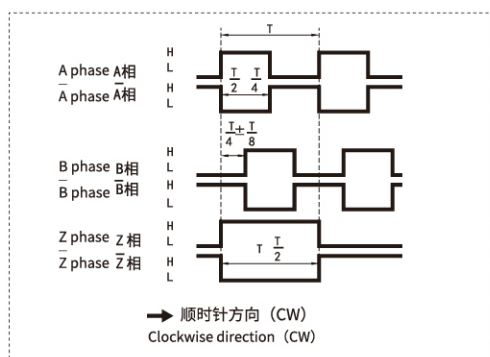
输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出

complementary output/NPN collector open circuit output



长线驱动输出 long line drive output



接线表 Wiring table

线色	C/F 输出信号 C/F output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
屏蔽 shield	F·G

线色	L 输出信号 L output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
蓝 blue	$\bar{A}$ 相 $\bar{A}$ phase
灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽	F·G

※ 注：

F 输出：互补输出 C 输出：NPN 集电极开路输出

L 输出：长线驱动输出

C,F：供电电压为 DC10.8-26.4V L：供电电压为 DC5V

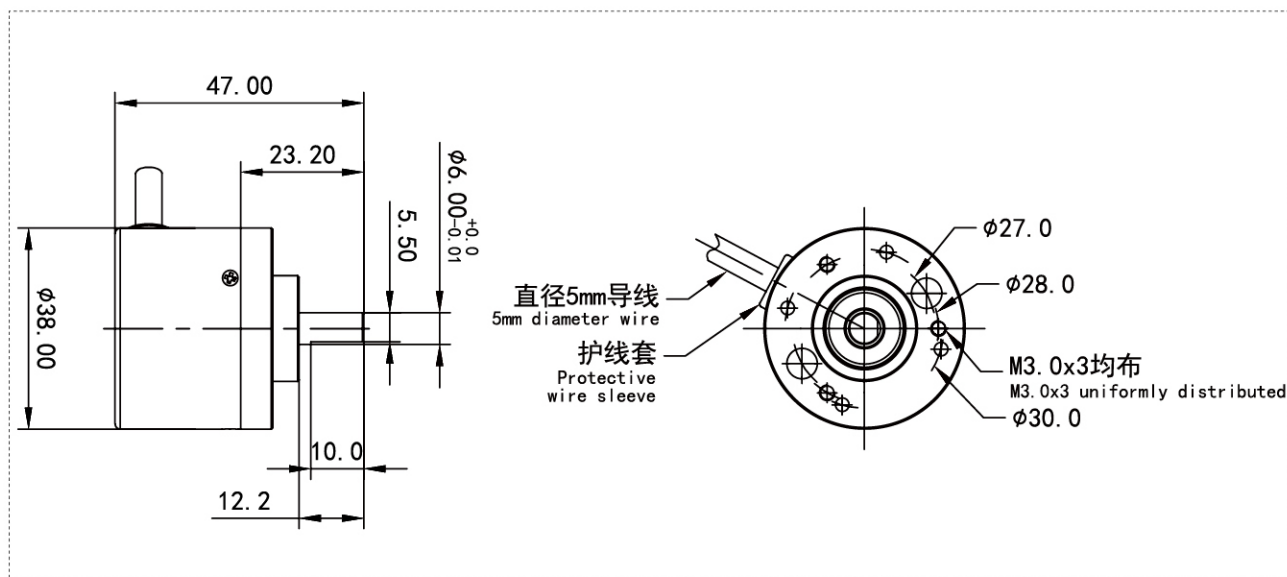
F output:Complementary output C output:NPN collector open circuit output

L output:long line drive output

C,F:The power supply voltage is DC10.8-26.4V

L:The power supply voltage is DC5V

机械图 (mm) Mechanical drawings(mm)





GOS38A04

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 完全替代日本 KOYO 光洋 TRD-2T 系列
 - Completely replacing Japanese KOYO Guangyang TRD-2T series
- 分辨率最高可达: 10000P/R
 - The resolution can be up to: 10000P/R
- 外径 $\Phi 38\text{mm}$, 轴径 $\Phi 6$ 、精度高
 - outer diameter $\Phi 38\text{mm}$, shaft diameter $\Phi 6$, high accuracy
- 进口黑色胶盖轴承, 防灰尘
 - imported black rubber cover bearing, dustproof
- 采用推挽输出电路, 增大输出功率
 - A push pull outlet circuit is used to increase the output power.

用途 Purpose

- 配套西门子 PLC 等控制系统应用
 - Supporting Siemens PLC and other control system applications

产品型号及意义 Product model and meaning

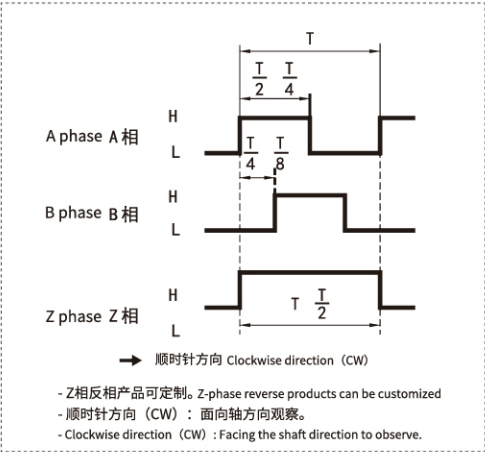
G	O	S	38	□	A	04	-	1000	-	T	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity	S: 实心轴 solid shaft	38: $\Phi 38\text{mm}$	□: $\Phi 6\text{mm}$ (默认)	A: 侧出胶皮 side outlet rubber	04: 外形结构 4 outline structure 4		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,4096 等		T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1: A 相信号 phase A signal 2: AB 相信号 phase AB signal 3: ABZ 相信号 phase ABZ signal 4: ABA/B/ 相信号 phase ABA/B/ signal 6: ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2 米 线, 可不 填, 非 2m 标注即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS38A04-1000-T3-2M: 增量型实心轴编码器, 外径 38mm, 轴径 6mm, 侧出线胶皮护套, 分辨率 1000 脉冲, DC10.8-26.4V 推挽输出, ABZ 三相信号, 2 米电缆线

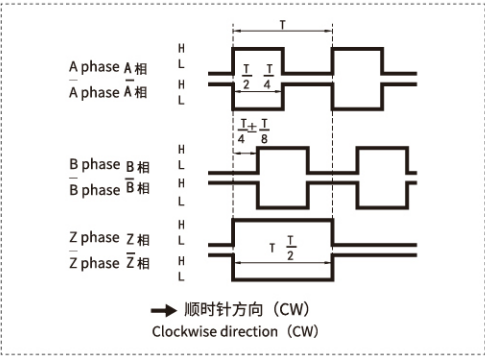
Model selection example: GOS38A04-1000-T3-2M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 6mm, side outlet rubber protective wire sleeve, resolution 1000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

推挽输出 push pull output



长线驱动输出 long line drive output



接线表 Wiring table

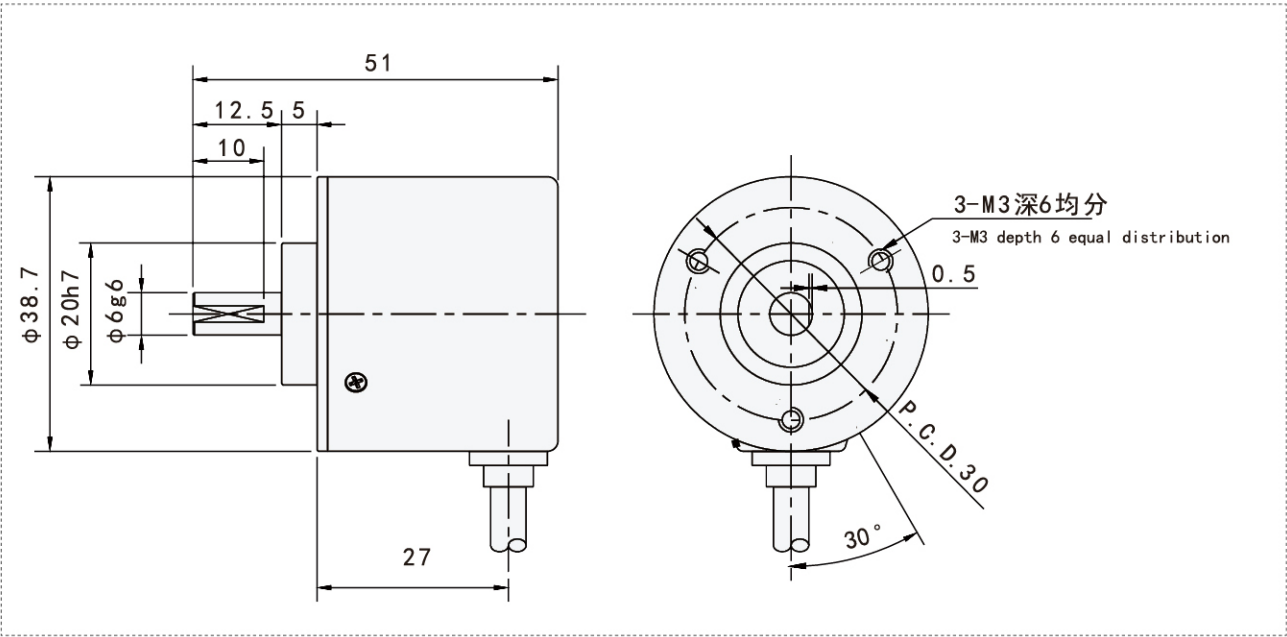
线色 Line color	T 输出信号 T output signal	线色 Line color	L/A 输出信号 L/A output signal
棕 brown	VCC	棕 brown	VCC
蓝 blue	GND	蓝 blue	GND
黑 black	A 相 A phase	黑 black	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
橙 orange	Z 相 Z phase	橙 orange	Z 相 Z phase
屏蔽 shield	F·G	紫 purple	$\bar{A}$ 相 $\bar{A}$ phase
		灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
		黄 yellow	$\bar{Z}$ 相 $\bar{Z}$ phase
		屏蔽 shield	F·G

※ 注：

T 输出：推挽输出
L,A 输出：长线驱动输出
T：供电电压为 DC10.8-26.4V
L：供电电压为 DC5V
A：供电电压为 DC5-24V

T output:push pull output
L,A output:long line drive output
T:The power supply voltage is DC10.8-26.4V
L:The power supply voltage is DC5V
A:The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GLS38A05

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 完全替代德国 HENGSTLER 亨士乐系列
- Completely replacing German HENGSTLER series
- 分辨率最高可达：5000 脉冲
- The resolution can be up to: 5000 pulses
- 耐高温、精度高、寿命长、抗干扰
- high temperature resisting, high accuracy, long duration, anti-interference

用途 Purpose

- 自动化机械，工业机器人，包装机械、医疗机械，印刷机械，机床，纺织
- automation machinery, industrial robots, packaging machinery, medical machinery, printing machinery, machine tools, textiles

产品型号及意义 Product model and meaning

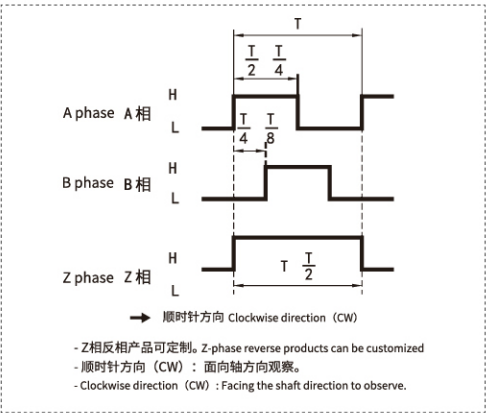
G	O	S	38	□	A	05	- 1000	-	T	3	- 2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure	分辨率 Resolution		输出形式 Output form	输出信号 Output signal	电缆线 Cable
G: 增量式 incremental type	L: 光电 photo-electricity	S: 实心轴 solid shaft	38:φ38mm	□:φ6mm (默认)	A: 侧出胶皮 side outlet rubber	05: 外形结构 5 outline structure 5	10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024, 1200,2000, 2048,2500, 3000,3600, 4096 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal	默认 2 米 线,可不 填,非 2m 标注即可 Default 2m line,For non 2m, labeling is sufficient

选型示例: GLS38A05-1000-F3-2M: 增量型实心轴编码器, 外径 38mm, 轴径 6mm, 侧出胶皮护套, 分辨率 1000 脉冲, DC10.8-26.4V 互补输出, ABZ 三相信号, 2 米电缆线

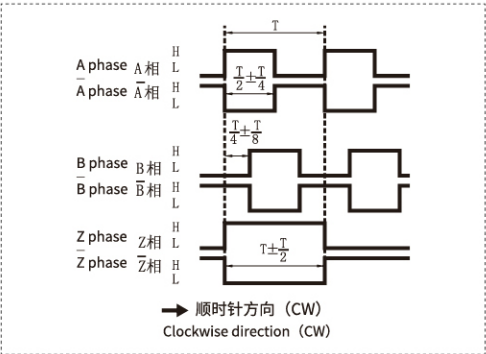
Model selection example: GOS38A04-1000-T3-2M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 6mm, side outlet rubber protective wire sleeve, resolution 1000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出
complementary output/NPN collector open circuit output



长线驱动输出 long line drive output

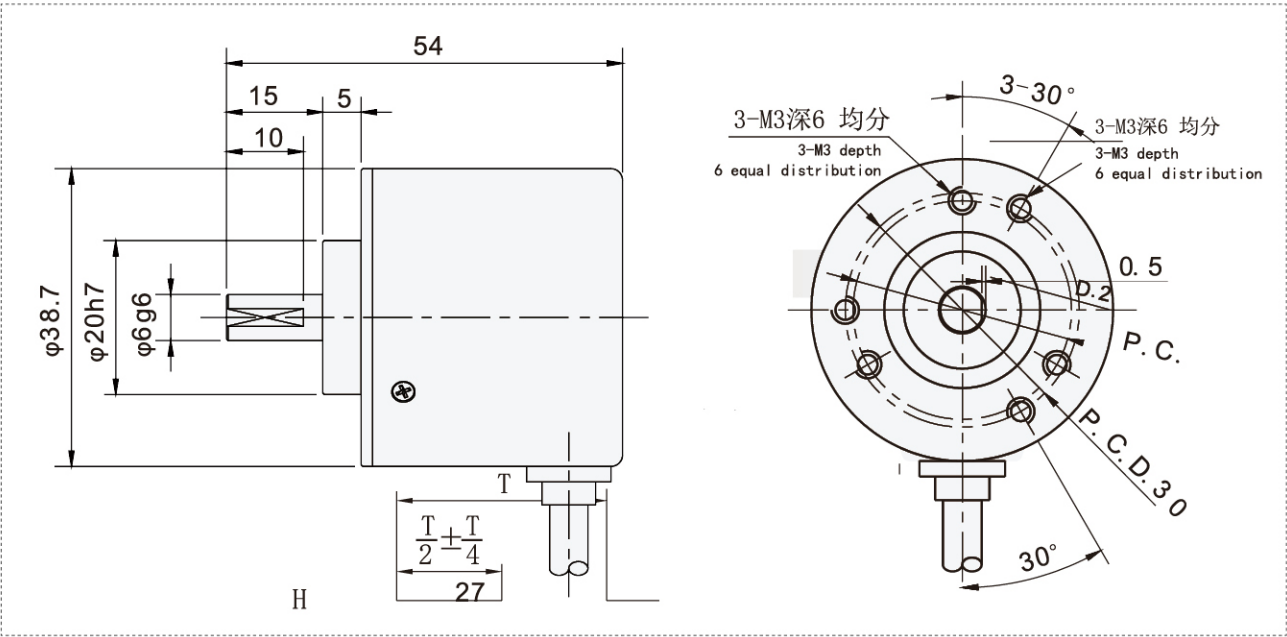


接线表 Wiring table

线色 Line color	C/F 输出信号 C/F output signal	线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC	红 red	VCC
黑 black	GND	黑 black	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
黄 yellow	Z 相 Z phase	黄 yellow	Z 相 Z phase
屏蔽 shield	F·G	屏蔽 shield	F·G

※ 注：
F 输出：互补输出 C 输出：NPN 集电极开路输出
L,A 输出：长线驱动输出 C,F：供电电压为 DC10.8-26.4V
L：供电电压为 DC5V A：供电电压为 DC5-24V
F output:Complementary output C output:NPN collector open circuit output
L,A output:long line drive output C,F:The power supply voltage is DC10.8-26.4V
L:The power supply voltage is DC5V A:The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOS38D

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 超高防护等级: IP64
- extra-high level of protection: IP64
- 金属护线套、电缆后出
- metal protective wire sleeve, cable rear outlet
- 采用螺纹式扣壳
- adopting threaded buckle shell
- 具有超强的抗震性
- of superstrong shock resistance

用途 Purpose

- 适用于低脉冲、震动环境等恶劣环境使用
- applicable for low-pulse, shock etc. severe environments

产品型号及意义 Product model and meaning

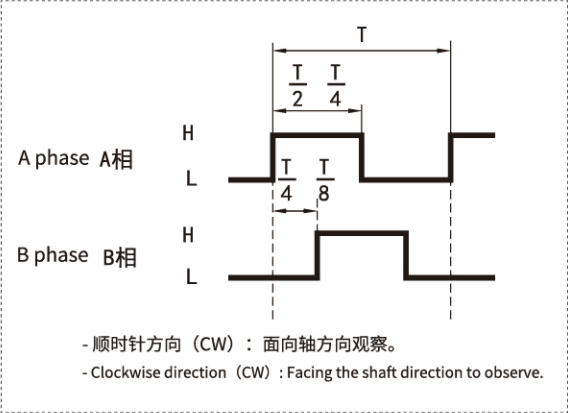
G	O	S	38	□	D	-	1000	-	C	2	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity	S: 实心轴 solid shaft	38:φ38mm	□:φ6mm (默认)	D: 后出金属 rear-outlet metal		100, 200,360, 400,500, 600,800, 1000,1024 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS38D-1000-C2-2M: 增量型实心轴编码器, 外径 38mm, 轴径 6mm, 后出线金属护线套, 分辨率 1000 脉冲, DC10.8-26.4V 集电极开路输出, AB 二相信号, 2 米电缆线

Model selection example: GOS38D-1000-C2-2M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 6mm, rear-outlet metal protective wire sleeve, resolution 1000 pulses, DC10.8-26.4V collector open circuit output, AB two-phase signal, 2-meter cable

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出
complementary output/NPN collector open circuit output



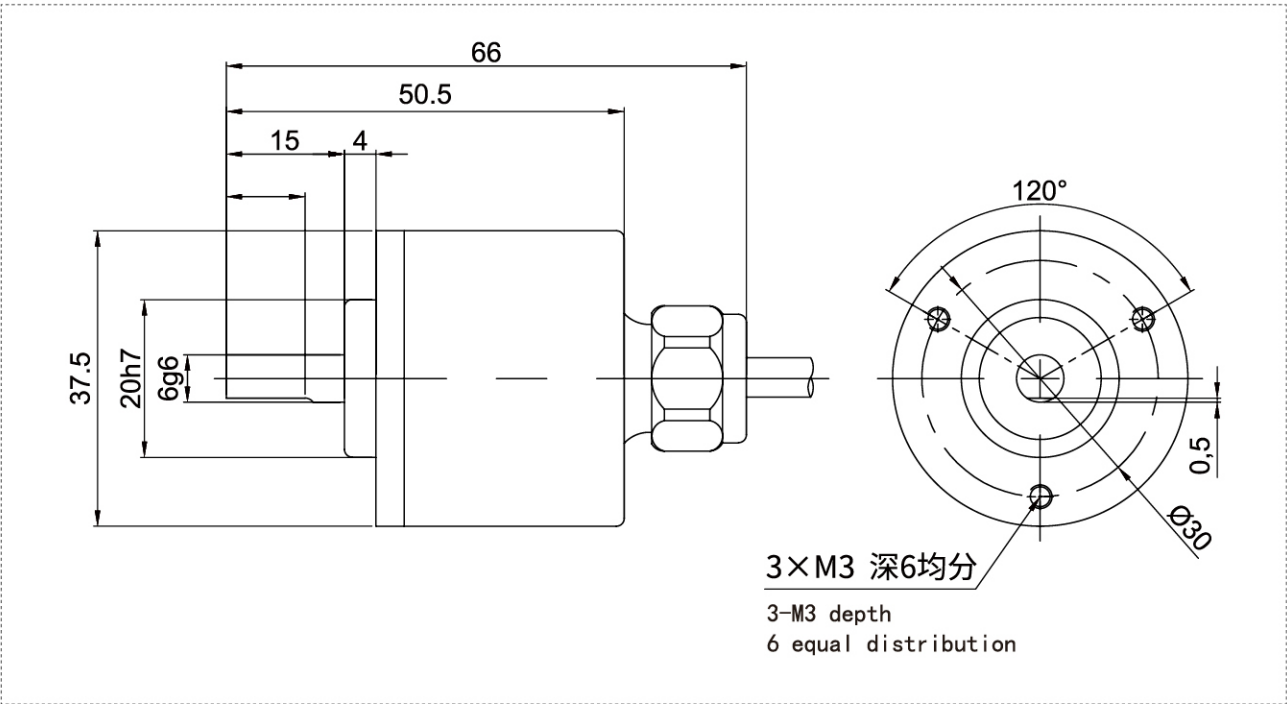
接线表 Wiring table

线色 Line color	C/F 输出信号 C/F output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
屏蔽 shield	F·G

※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出 C,F: 供电电压为 DC10.8-26.4V
F output: Complementary output C output: NPN collector open circuit output
C,F: The power supply voltage is DC10.8-26.4V

机械图 (mm) Mechanical drawings(mm)





GOS38E

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 超高防护等级: IP67
- extra-high level of protection: IP67
- 分辨率最高可达: 10000P/R
- The resolution can be up to: 10000P/R

- 外径 $\Phi 38\text{mm}$, 轴径 $\Phi 6$ 、精度高
- outer diameter $\Phi 38\text{mm}$, shaft diameter $\Phi 6$ 、high accuracy
- 采用过盈压接扣壳方式
- adopting interference crimping buckle shell method
- 抗干扰电路优化处理
- optimization processing of anti-interference circuits

用途 Purpose

- 适用于精度要求高又防水防尘环境下使用
- applicable for high accuracy required, waterproof and dustproof environments

产品型号及意义 Product model and meaning

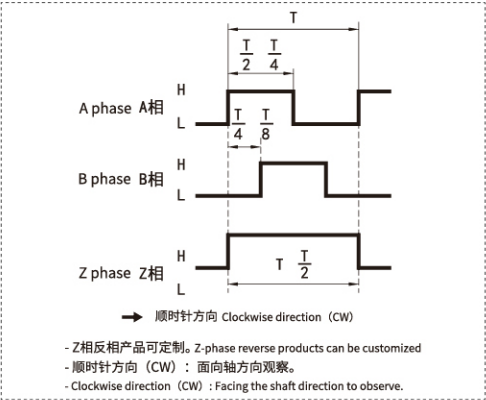
G	O	S	38	□	E	-	600	-	F	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity	S: 实心轴 solid shaft	38: $\Phi 38\text{mm}$	□: $\Phi 6\text{mm}$ (默认)	E: 侧出金属 side outlet metal		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,5000 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS38E-600-F3-2M: 增量型实心轴编码器, 外径 38mm, 轴径 6mm, 侧出线金属护套线套, 分辨率 600 脉冲, DC10.8-26.4V 互补输出, ABZ 三相信号, 2 米电缆线

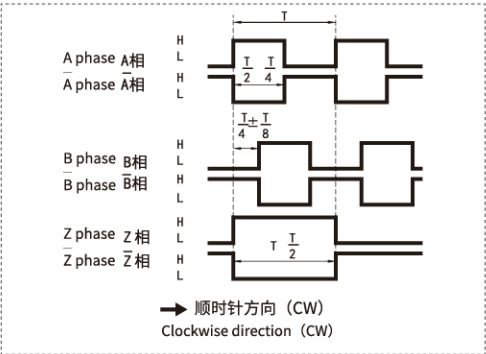
Model selection example: GOS38E-600-F3-2M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 6mm, side outlet metal protective wire sleeve, resolution 1000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出 / 推挽输出
complementary output/NPN collector open circuit
output/push pull output



长线驱动输出 long line drive output



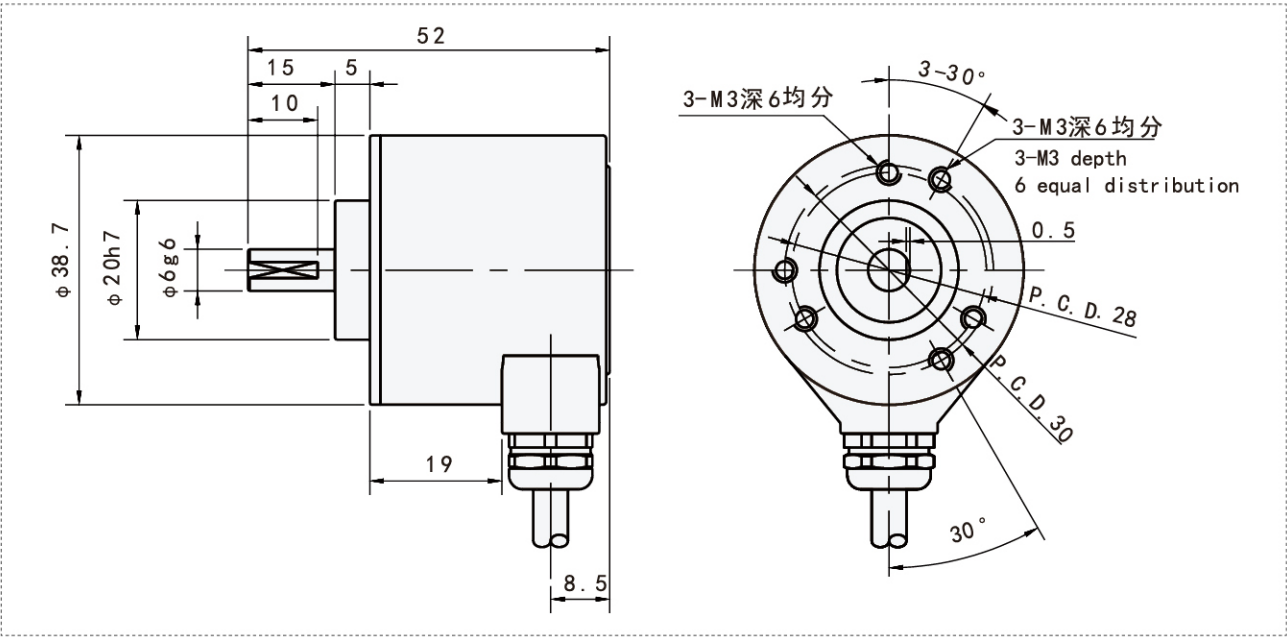
接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal	线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC	红 red	VCC
黑 black	GND	黑 black	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
黄 yellow	Z 相 Z phase	黄 yellow	Z 相 Z phase
屏蔽 shield	F·G	屏蔽 shield	F·G

※ 注 :

F 输出: 互补输出 C 输出: NPN 集电极开路输出
T 输出: 推挽输出 L,A 输出: 长线驱动输出
C,F,T: 供电电压为 DC10.8-26.4V
L: 供电电压为 DC5V A: 供电电压为 DC5-24V
F output: Complementary output C output: NPN collector open circuit output
T output: push pull output L,A output: long line drive output
C,F,T: The power supply voltage is DC10.8-26.4V
L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOH38B

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 外径 $\Phi 38\text{mm}$, 孔径 $\Phi 6$ 、 $\Phi 8\text{mm}$
 - outer diameter $\Phi 38\text{mm}$, shaft diameter $\Phi 6$ 、 $\Phi 8\text{mm}$
- 轴采用钢材、不易磨损
 - The shaft is made of steel material, uneasy to be worn out

- 金属弹片新颖、易于连接
 - brand-new metal dome, easy to be connected
- 分辨率 (最大) : 10000P/R
 - resolution (maximum): 10000P/R
- 输出方式可供选择
 - Way of output is selectable

用途 Purpose

- 配套各种 PLC、控制系统应用
 - supporting various PLC, control system applications
- 可直接安装电机后端, 做速度信号控制功能
 - Able to directly install the rear-end of a motor, used for speed signal control

产品型号及意义 Product model and meaning

G	O	H	38	□	B	-	1024	-	F	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity L: 光电 photoelectricity	H: 半空心轴 semi-hollow shaft	38: $\Phi 38\text{mm}$	□: $\Phi 8\text{mm}$ (默认) 06: $\Phi 6\text{mm}$	E: 侧出金属 side outlet metal D: 后出金属 rear-outlet metal		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,5000 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

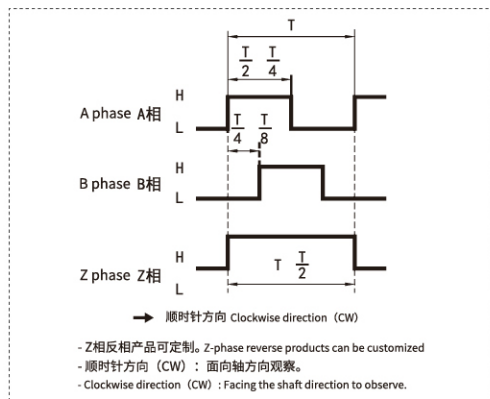
选型示例: GOH38B-1024-F3-2M: 增量型半空心轴编码器, 外径 38mm, 孔径 8mm, 侧出线金属护线套, 分辨率 1024 脉冲, DC10.8-26.4V 互补输出, ABZ 三相信号, 2 米电缆线

Model selection example: GOH38B-1024-F3-2M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 8mm, side outlet metal protective wire sleeve, resolution 1024 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

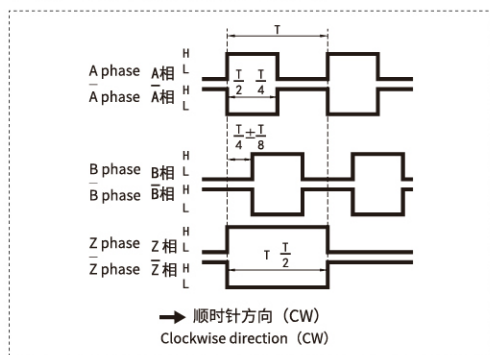
输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出 / 推挽输出

complementary output/NPN collector open circuit output/push pull output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

※ 注:

F 输出: 互补输出

C 输出: NPN 集电极开路输出

T 输出: 推挽输出

L,A 输出: 长线驱动输出 C,F,T: 供电电压为 DC10.8-26.4V

L: 供电电压为 DC5V A: 供电电压为 DC5-24V

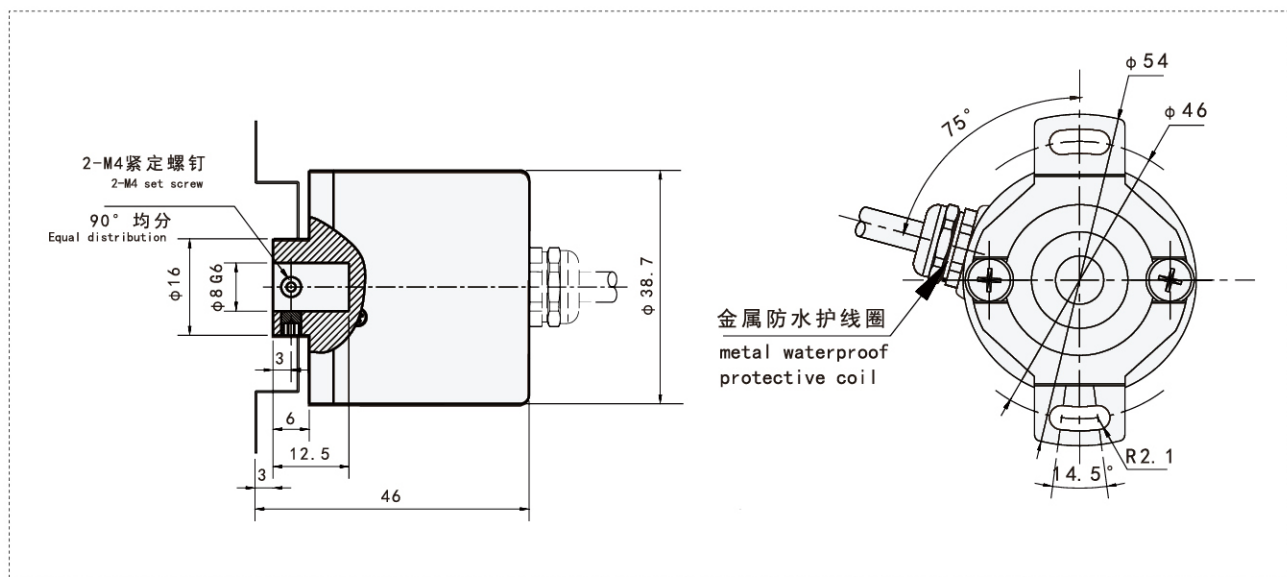
F output: Complementary output C output: NPN collector open circuit output

T output: push pull output L,A output: long line drive output

C,F,T: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOH38A01

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 完全替代日本 NEMICON 内密控 HES 系列
 - Completely replacing Japanese NEMICON internal security control HES series
- 分辨率最高可达: 10000P/R
 - The resolution can be up to: 10000P/R
- 超博、精度高、寿命长
 - extra-thin, high accuracy, long duration
- 具有错接保护电路
 - of wrong connection protective circuit
- 抗干扰电路优化处理
 - optimization processing of anti-interference circuits

用途 Purpose

- 配套各种 PLC、控制系统应用
 - supporting various PLC, control system applications
- 可直接安装电机后端，做速度信号控制功能
 - Able to directly install the rear-end of a motor, used for speed signal control

产品型号及意义 Product model and meaning

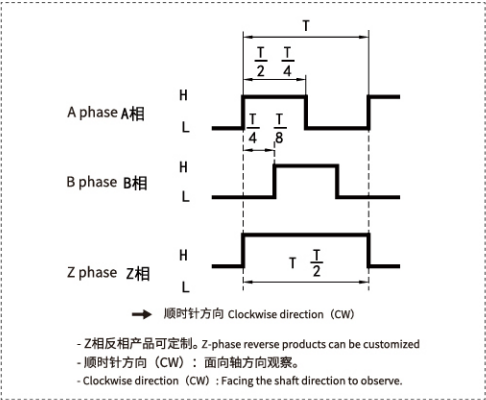
G	O	H	38	□	A	01	-	1000	-	T	3	-	0.7M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 电磁 magneto-electricity	H: 半空心轴 semi-hollow shaft	38:φ38mm	□:Φ8mm (默认)	A: 胶皮护线套 rubber wire protection sleeve	01: 外形结构 1 outline structure 1		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024, 1200,2000, 2048,2500, 3000,3600, 4096 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output L: 5V 驱动输出 5V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 0.7 米线,可 不填,非 0.7m 标注即可 Default 0.7m line,For non 0.7m, labeling is sufficient

选型示例: GOH38A01-2000-C3-0.7M: 增量型半空心轴编码器, 外径 38mm, 孔径 8mm, 侧出线胶皮护线套, 分辨率 2000 脉冲, DC10.8-26.4V 集电极开路输出, ABZ 三相信号, 0.7 米电缆线

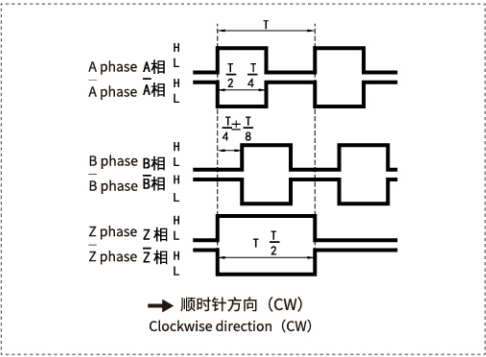
Model selection example: GOH38A01-2000-C3-0.7M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 8mm, side outlet rubber protective wire sleeve, resolution 2000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 0.7-meter cable

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出 / 推挽输出
complementary output/NPN collector open circuit
output/push pull output



长线驱动输出 long line drive output



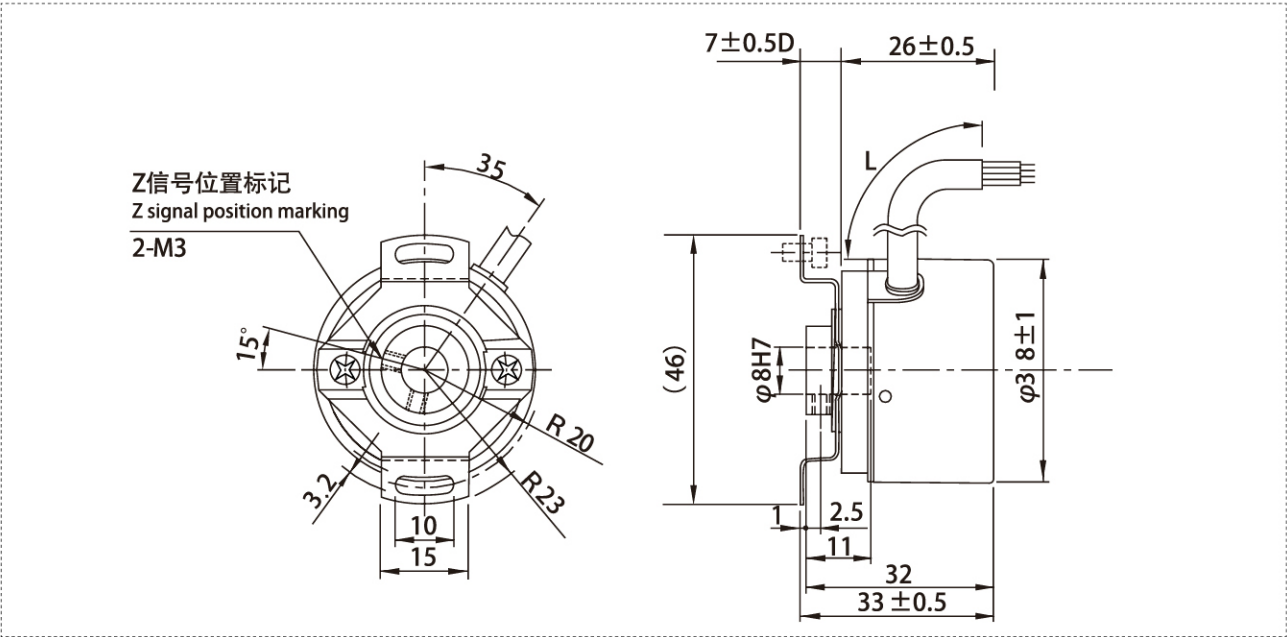
接线表 Wiring table

线色 Line color	C/F 输出信号 C/F output signal	线色 Line color	L 输出信号 L output signal
红 red	VCC	红 red	VCC
黑 black	GND	黑 black	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
黄 yellow	Z 相 Z phase	黄 yellow	Z 相 Z phase
屏蔽 shield	F · G	屏蔽 shield	F · G

※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出
L 输出: 长线驱动输出
C,F: 供电电压为 DC10.8-26.4V L: 供电电压为 DC5V
F output: Complementary output C output: NPN collector open circuit output
L output: long line drive output
C,F: The power supply voltage is DC10.8-26.4V
L: The power supply voltage is DC5V

机械图 (mm) Mechanical drawings(mm)





GOH38A02

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 完全替代日本 KOYO 光洋 TRD-2TH 系列
- Completely replacing Japanese KOYO Guangyang TRD-2TH series
- 采用加长钢轴、增大轴端径向受力
- Using an extended steel shaft and increasing the radial force on the shaft end

- 进口黑色胶盖轴承，防油、防灰
- Imported black rubber cover bearings, oil and ash resistant
- 采用推挽输出电路，增大输出功率
- A push pull outlet circuit is used to increase the output power.
- 抗干扰电路优化处理
- optimization processing of anti-interference circuits

用途 Purpose

- 配套各种 PLC、控制系统应用
- supporting various PLC, control system applications

- 可直接安装电机后端，做速度信号控制功能
- Able to directly install the rear-end of a motor, used for speed signal control

产品型号及意义 Product model and meaning

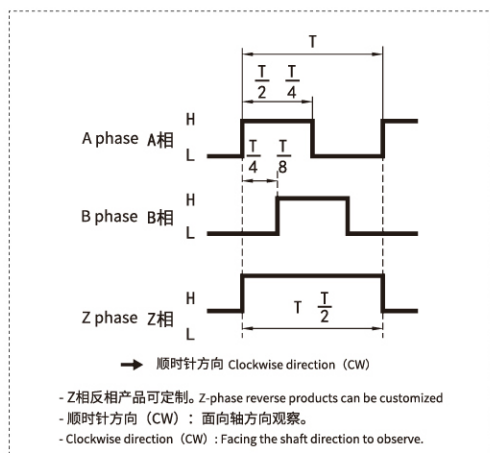
G	O	H	38	□	A	02	- 1000	-	T	3	- 2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure	分辨率 Resolution		输出形式 Output form	输出信号 Output signal	电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity	H: 半空心轴 semi-hollow shaft	38:φ38mm	□:φ8mm (默认)	A: 胶皮护套 rubber wire protection sleeve	02: 外形结构 2 outline structure 2	10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024, 1200,2000, 2048,2500, 3000,3600, 4096 等		T: 推挽输出 push pull output L:5V 驱动输出 5V drive output A:24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal	默认 2 米 线,可不 填,非 2m 标注即可 Default 2m line,For non 2m, labeling is sufficient

选型示例: GOH38A02-1000-T3-2M: 增量型半空心轴编码器，外径 38mm，孔径 8mm，侧出线胶皮护套套，分辨率 1000 脉冲，DC10.8-26.4V 推挽输出，ABZ 三相信号，2 米电缆线

Model selection example: GOH38A02-1000-T3-2M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 8mm, side outlet rubber protective wire sleeve, resolution 1000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

推挽输出 push pull output

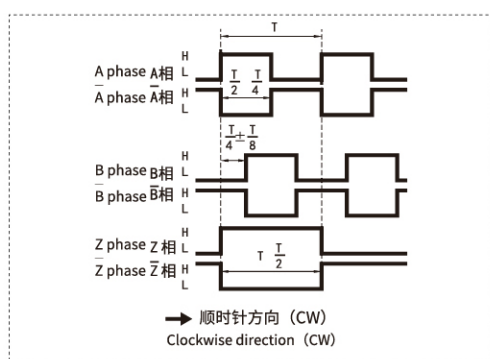


接线表 Wiring table

线色 Line color	T 输出信号 T output signal
棕 brown	VCC
蓝 blue	GND
黑 black	A 相 A phase
白 white	B 相 B phase
橙 orange	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
棕 brown	VCC
蓝 blue	GND
黑 black	A 相 A phase
白 white	B 相 B phase
橙 orange	Z 相 Z phase
紫 Purple	$\bar{A}$ 相 $\bar{A}$ phase
灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
黄 yellow	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

长线驱动输出 long line drive output



※ 注:

T 输出: 推挽输出 L 输出: 5V 长线驱动输出

A 输出: 5-24V 长线驱动输出

T: 供电电压为 DC10.8-26.4V

L: 供电电压为 DC5V A: 供电电压为 DC5-24V

T output: push pull output

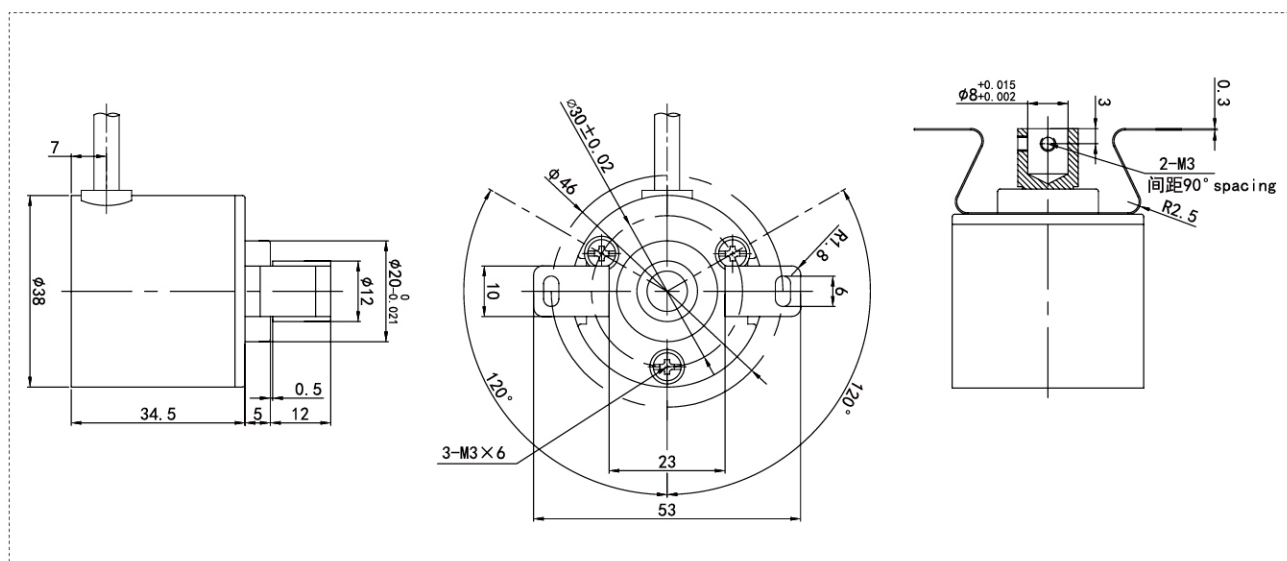
L output: 5V long line drive output

A output: 5-24V long line drive output

T: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GLT38B

SERIES

38 系列 旋转编码器

38 series rotary encoder

特点 Characteristic

- 外径 $\Phi 38\text{mm}$, 通孔 $\Phi 8\text{mm}$
- outer diameter $\Phi 38\text{mm}$, through-hole $\Phi 8\text{mm}$
- 分辨率最高可达: 2500P/R
- The resolution can be up to: 2500P/R

- 增加轴端橡胶密封处理, 防灰尘
- Rubber sealing treatment is et at the shaft end to prevent dust
- 具有错接保护电路
- of wrong connection protective circuit
- 抗干扰电路优化处理
- optimization processing of anti-interference circuits

用途 Purpose

- 配套各种 PLC、控制系统应用
- supporting various PLC, control system applications

- 可直接安装电机后端, 做速度信号控制功能
- Able to directly install the rear-end of a motor, used for speed signal control

产品型号及意义 Product model and meaning

G	L	T	38	□	B	-	2000	-	F	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	L: 光电 photoelectricity	T: 空心轴 hollow shaft	38: $\Phi 38\text{mm}$	□: $\Phi 8\text{mm}$ (默认)	B: 侧出金属 side outlet metal		10,20,50, 60, 100, 200,360, 400,500, 600, 800,1000, 1024,1200, 2000,2048, 2500 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

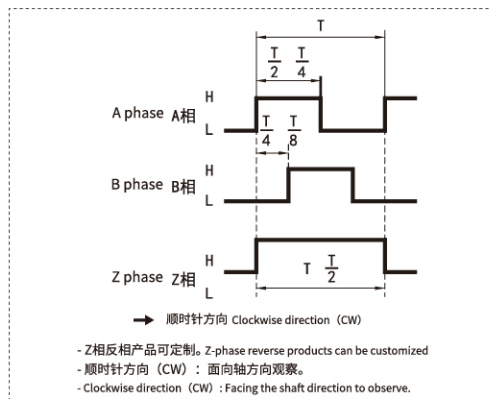
选型示例: GLT38B-2000-F3-2M: 增量型全空心轴编码器, 外径 38mm, 孔径 8mm, 侧出线金属护线套, 分辨率 2000 脉冲, DC10.8-26.4V 互补输出, ABZ 三相信号, 2 米电缆线

Model selection example: GLT38B-2000-F3-2M: Incremental solid shaft encoder, outer diameter 38mm, shaft diameter 8mm, side outlet metal protective wire sleeve, resolution 2000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出 / 推挽输出

complementary output/NPN collector open circuit output/push pull output

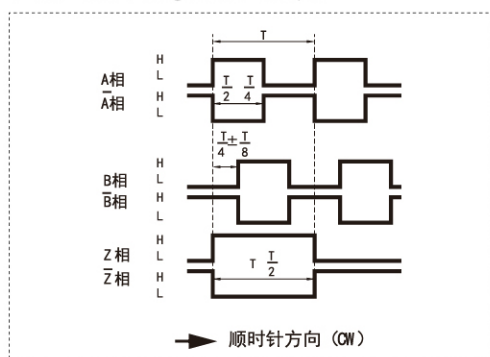


接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

长线驱动输出 long line drive output



※ 注:

F 输出: 互补输出

C 输出: NPN 集电极开路输出

T 输出: 推挽输出

L,A 输出: 长线驱动输出

C,F,T: 供电电压为 DC10.8-26.4V

L: 供电电压为 DC5V A: 供电电压为 DC5-24V

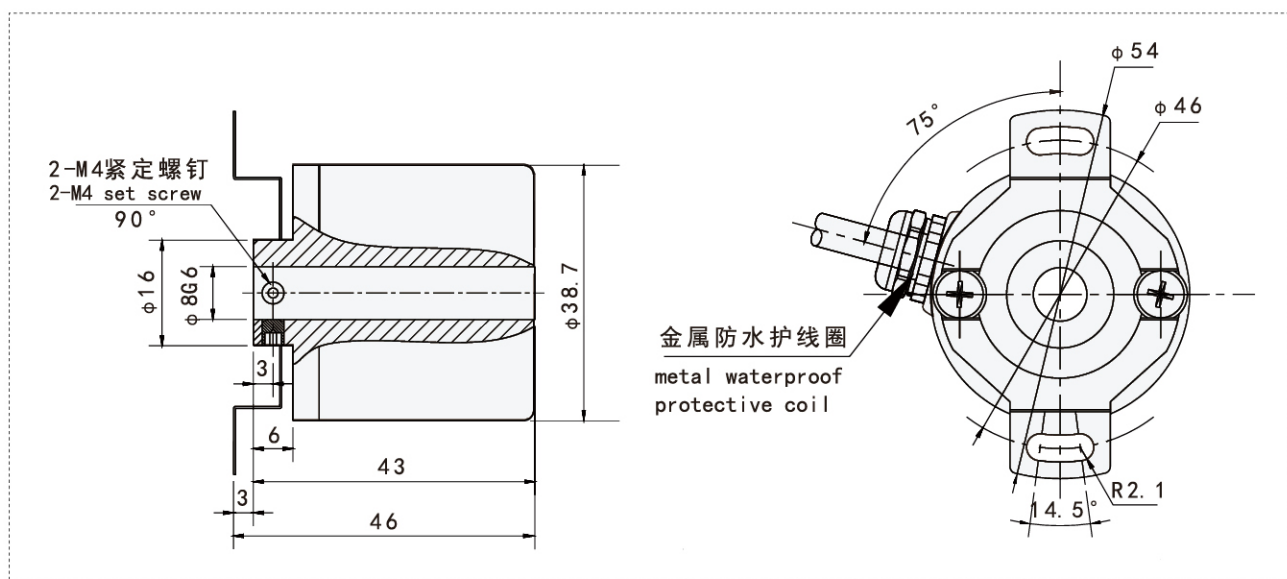
F output: Complementary output C output: NPN collector open circuit output

T output: push pull output L,A output: long line drive output

C,F,T: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOS40A

SERIES

40 系列 旋转编码器

40 series rotary encoder

特点 Characteristic

- 增强替代日本 OMRON 欧姆龙 E6B2 系列
 - Enhanced replacement of Japanese OMRON Omron E6B2 series
- 分辨率最高可达：10000P/R
 - The resolution can be up to: 10000P/R
- 具备反接保护和短路保护
 - of reversed connection and short-circuit protections
- 丰富的输出方式可供选择
 - available with a plentiful of output ways for selection
- 备有 24V 线性驱动输出，可实现 150 米长距离传输
 - Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域，用于测量位移、角度、速度、计米等功能均可选配
 - Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

产品型号及意义 Product model and meaning

G	O	S	40	□	A	-	1000	-	C	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity L: 光电 photoelectricity	S: 实心轴 solid shaft	40:Φ40mm	□:Φ6mm (默认)	A: 侧出胶皮 side outlet rubber		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,5000 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output L:5V 驱动输出 5V drive output A:24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

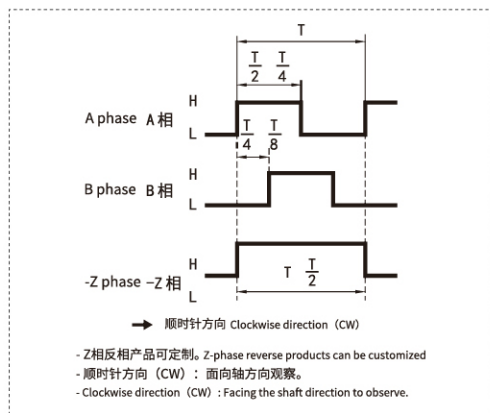
选型示例: GOS40A-1000-C3: 增量型实心轴编码器，外径 40mm，轴径 6mm，侧出线胶皮护套，分辨率 1000 脉冲，DC10.8-26.4V 集电极开路输出，ABZ 三相信号，2 米电缆线

Model selection example: GOS40A-1000-C3: Incremental solid shaft encoder, outer diameter 40mm, shaft diameter 8mm, side outlet rubber protective wire sleeve, resolution 2000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

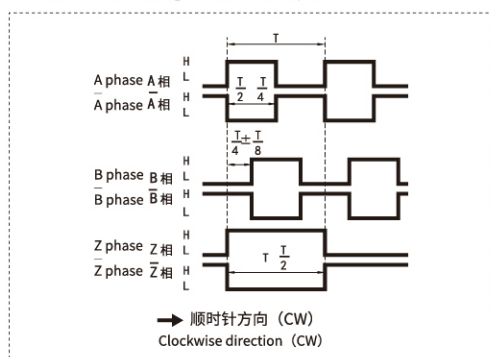
输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出

complementary output/NPN collector open circuit output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	C/F 输出信号 C/F output signal
棕 brown	VCC
蓝 blue	GND
黑 black	A 相 A phase
白 white	B 相 B phase
橙 orange	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
棕 brown	VCC
蓝 blue	GND
黑 black	A 相 A phase
白 white	B 相 B phase
橙 orange	Z 相 Z phase
黑红 Black Red	$\bar{A}$ 相 $\bar{A}$ phase
白红 White Red	$\bar{B}$ 相 $\bar{B}$ phase
橙红 Orange Red	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

※注：

F 输出：互补输出 C 输出：NPN 集电极开路输出
L,A 输出：长线驱动输出 C,F：供电电压为 DC10.8-26.4V
L：供电电压为 DC5V A：供电电压为 DC5-24V

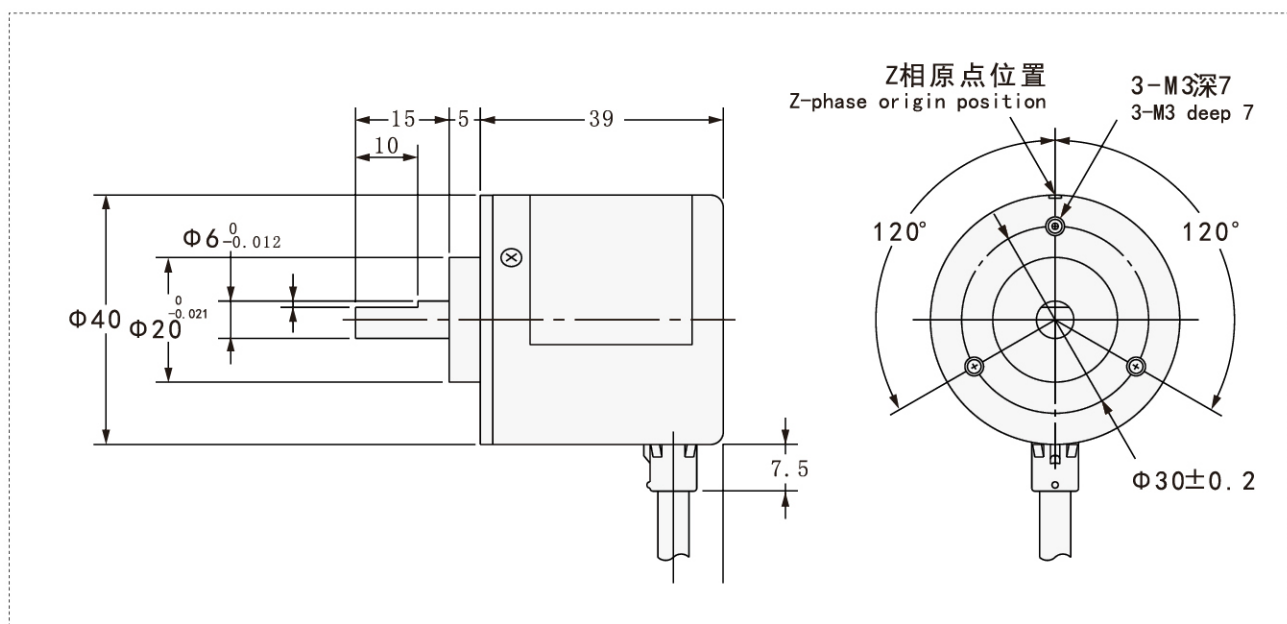
F output:Complementary output C output:NPN collector open circuit output

L,A output:long line drive output

C,F:The power supply voltage is DC10.8-26.4V

L:The power supply voltage is DC5V A:The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GLS45C

SERIES

45 系列 旋转编码器

45 series rotary encoder

特点 Characteristic

- 分辨率可达到 5000P/R
- The resolution can be up to 5000P/R
- 采用密封轴承 IP64 防护等级
- use of sealing bearing IP64
- 可接航空插头
- connectable to aviation plugs

用途 Purpose

- 在工业化领域用于精确位置控制的场合。
- Used for the precise position control in the field of industrialization.
- 适用于袜机行业。
- Suitable for the sock machine industry.

产品型号及意义 Product model and meaning

G	L	S	45	C	-	1000	-	C	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	L: 光电 photoelectricity	S: 实心轴 solid shaft	45:Φ45mm	C: 后式出线 rear outlet		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1200,2000,2048,2500, 3000,3600,4096 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output L:5V 驱动输出 5V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注即可 Default 2m line, For non 2m, labeling is sufficient

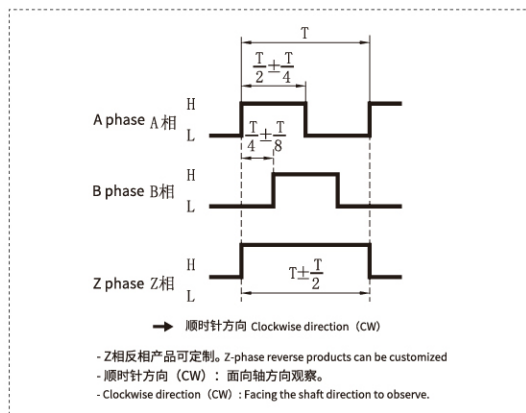
选型示例: GLS45C-1000-C3-2M: 增量型实心轴编码器, 外径 45mm, 轴径 6mm, 后出线胶皮护线套, 分辨率 1000 脉冲, DC10.8-26.4V 开路输出, ABZ 三相信号, 2 米电缆线。

Model selection example: GLS45C-1000-C3-2M: Incremental solid shaft encoder, outer diameter 45mm, shaft diameter 6mm, rear outlet rubber protective wire sleeve, resolution 000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

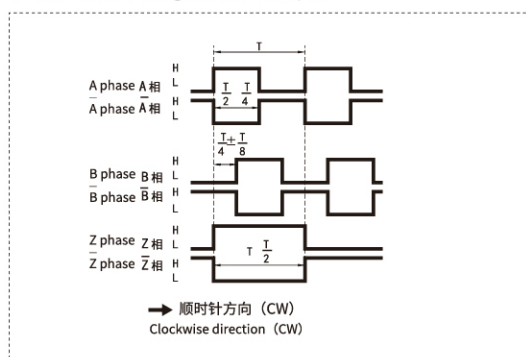
输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出

complementary output/NPN collector open circuit output



长线驱动输出 long line drive output



接线表 Wiring table

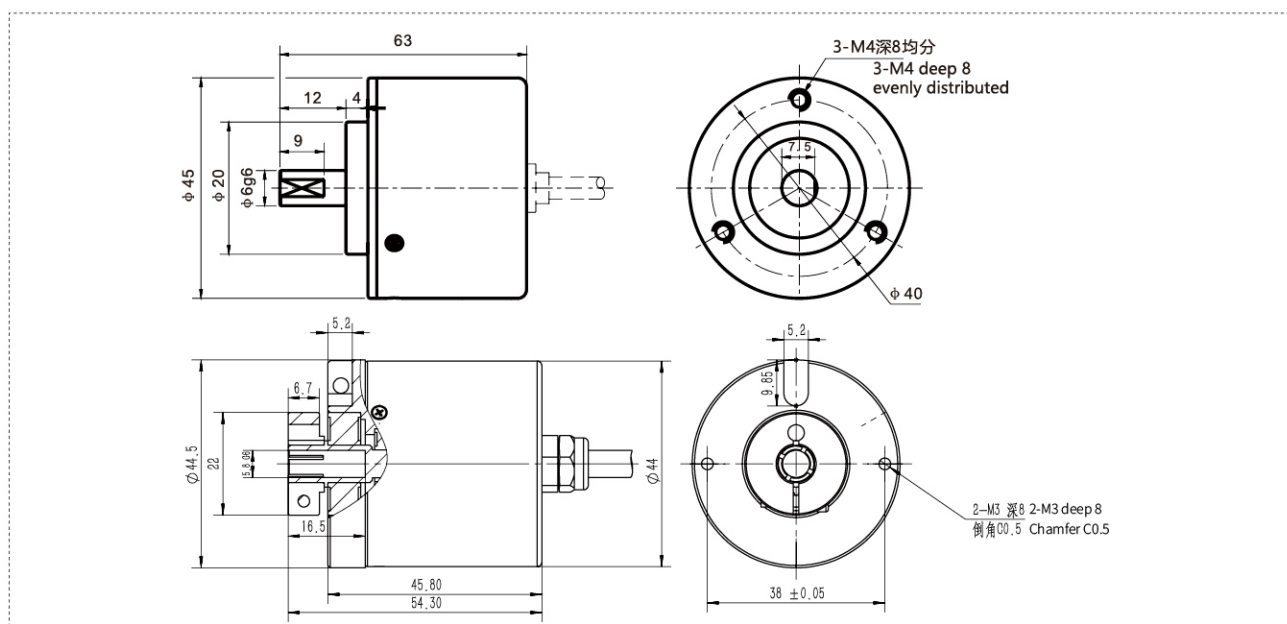
线色 Line color	C/F 输出信号 C/F output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
粉 pink	$\bar{A}$ 相 $\bar{A}$ phase
蓝 blue	$\bar{B}$ 相 $\bar{B}$ phase
橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

※注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出
L 输出: 5V 长线驱动输出 A 输出: 24V 长线驱动输出
C,F: 供电电压为 DC10.8-26.4V
L: 供电电压为 DC5V A: 供电电压为 DC5-24V
F output: Complementary output C output: NPN collector open circuit output
L output: 5V long line drive output A output: 24V long line drive output
C,F: The power supply voltage is DC10.8-26.4V
L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GLT48

SERIES

48 系列 旋转编码器

48 series rotary encoder

特点 Characteristic

- 增强替代日本 Damagawa 多摩川 OIH48 系列
 - Enhanced replacement for Japan Damagawa Tamagawa OIH48 series
- 各类安装弹片设计，满足各种尺寸伺服电机安装
 - Various installation shrapnel designs to meet the installation needs of servo motors of various sizes
- 采用进口光电一体化模块芯片
 - Adopting imported optoelectronic integrated module chips
- 2500 线高精度玻璃材质动态光栅
 - 2500 line high-precision glass material dynamic grating

用途 Purpose

- 配套伺服电机应用
 - Application of supporting servo motors

产品型号及意义 Product model and meaning

G	L	T	48	□	-	2500	-	8P	-	0.21M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole		分辨率 Resolution		输出形式 Output form		电缆线 Cable
G: 增量式 incremental type	L: 光电 photoelec- tricity	T: 通孔轴 Through-hole shaft	48:Φ48mm	□ :Φ9mm (默认) 08:Φ8mm (直孔)		500,1000,1024,2500		4P:2 对磁极 2 pairs of magnetic poles 6P:3 对磁极 3pairs of magnetic poles 8P:4 对磁极 4 pairs of magnetic poles 10P:5 对磁极 5 pairs of magnetic poles		默认 0.21m 米线, 非 0.21m 标注即可 Default 0.21m line, For non 0.21m, labeling is sufficient

选型示例 : GLT48-2500-8P-0.21M: 增量型全空心轴伺服编码器, 外径 48mm, 孔径 9mm, 侧出线胶皮护套线, 分辨率 2500 脉冲, DC5V 驱动输出, 8 极极数, 0.21 米电缆线

Model selection example: GLT48-2500-8P-0.21M: Incremental full hollow shaft servo encoder, outer diameter 48mm, aperture 9mm, side outlet rubber protective sleeve, resolution 2500 pulses, DC5V drive output, 8 poles, 0.21 meter cable



GOS5006B

SERIES

50 系列 旋转编码器

50 series rotary encoder

特点 Characteristic

- 替代欧姆龙 E6C2 系列
○ Replacing Omron E6C2 series
- 分辨率可达到 10000P/R
○ The resolution can be up to: 10000P/R
- 采用密封轴承 IP64 防护等级
○ use of sealing bearing IP64
- 导线斜式引出方式
○ oblique lead out method of conductor

用途 Purpose

- 在工业化领域用于精确位置控制的场合
○ Used for the precise position control in the field of industrialization.

产品型号及意义 Product model and meaning

G	O	S	50	06	B	-	1000	-	C	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity	S: 实心轴 solid shaft	50:φ50mm	06:φ6mm	B: 斜式出线 Diagonal outlet		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,4096 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output L:5V 驱动输出 5V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

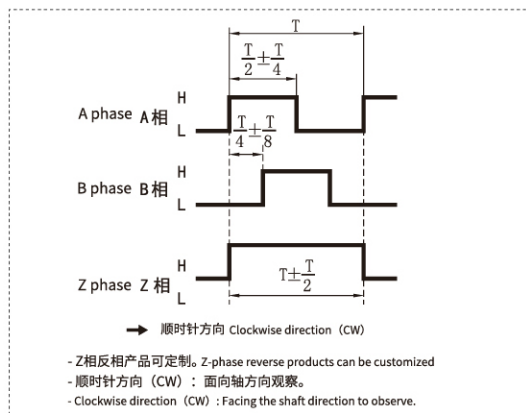
选型示例: GOS5006B-1000-C3-2M: 增量型实心轴编码器, 外径 50mm, 轴径 6mm, 斜式出线胶皮护套, 分辨率 1000 脉冲, DC10.8-26.4V 互补输出, ABZ 三相信号, 2 米电缆线

Model selection example: GOS5006B-1000-C3-2M: Incremental solid shaft encoder, outer diameter 50mm, shaft diameter 6mm, side outlet rubber protective wire sleeve, resolution 1000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出

complementary output/NPN collector open circuit output

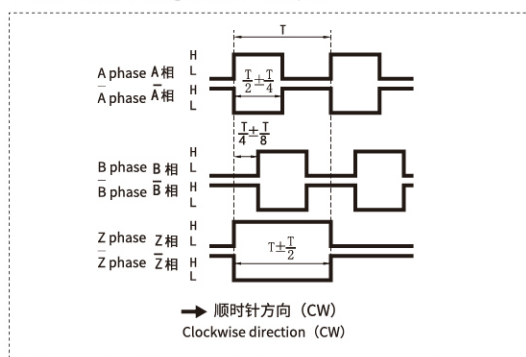


接线表 Wiring table

线色 Line color	C/F 输出信号 C/F output signal
棕 brown	VCC
蓝 blue	GND
黑 black	A 相 A phase
白 white	B 相 B phase
橙 orange	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
棕 brown	VCC
蓝 blue	GND
黑 black	A 相 A phase
白 white	B 相 B phase
橙 orange	Z 相 Z phase
黑红 black red	$\bar{A}$ 相 $\bar{A}$ phase
白红 white red	$\bar{B}$ 相 $\bar{B}$ phase
橙红 orange red	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

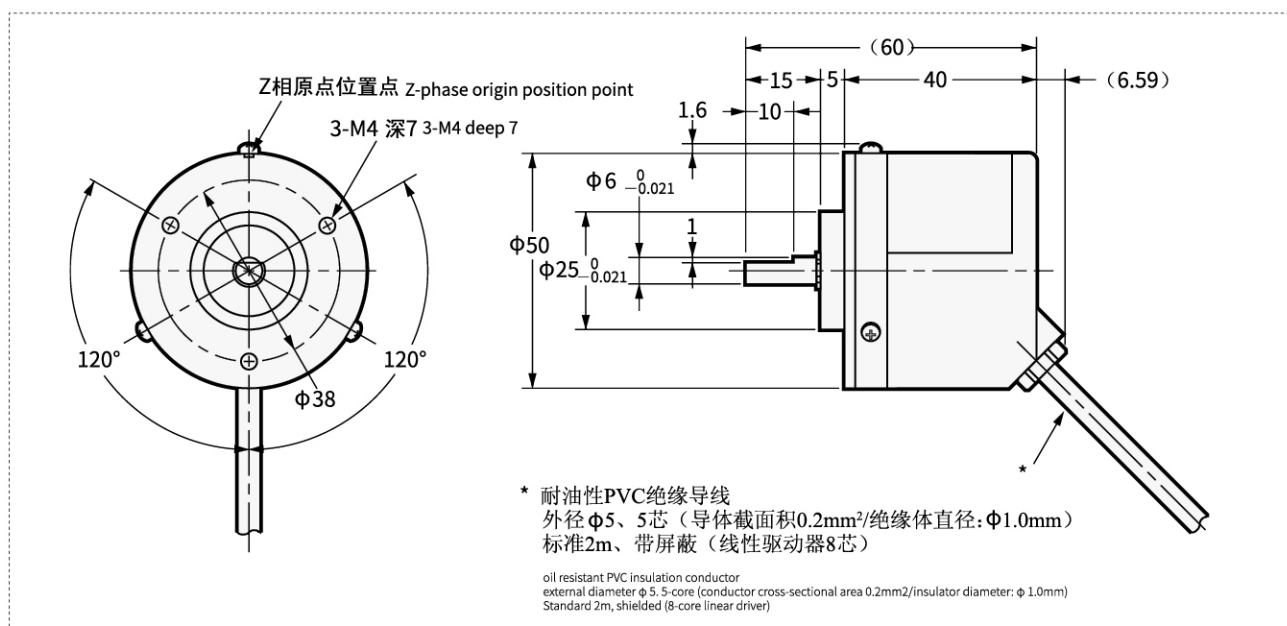
长线驱动输出 long line drive output



※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出
L 输出: 5V 长线驱动输出 A 输出: 24V 长线驱动输出
C,F: 供电电压为 DC10.8-26.4V
L: 供电电压为 DC5V A: 供电电压为 DC5-24V
F output: Complementary output C output: NPN collector open circuit output
L output: 5V long line drive output A output: 24V long line drive output
C,F: The power supply voltage is DC10.8-26.4V
L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOS5008B

SERIES

50 系列 旋转编码器

50 series rotary encoder

特点 Characteristic

- 轴承口采用防尘盖处理
○ The bearing mouth is treated with a dustproof cover
- 外径 $\Phi 50\text{mm}$, 轴径 $\Phi 8\text{mm}$
○ outer diameter $\Phi 50\text{mm}$, shaft diameter $\Phi 8\text{mm}$

- 具备反接保护和短路保护
○ of reversed connection and short-circuit protections
- 输出方式可供选择
○ Way of output is selectable
- 备有 24V 线性驱动输出, 可实现 150 米长距离传输
○ Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域, 用于测量位移、角度、速度、计米等功能均可选配
○ Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

产品型号及意义 Product model and meaning

G	O	S	50	06	B	-	1000	-	C	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity L: 光电 photoelectricity	S: 实心轴 solid shaft	50: $\Phi 50\text{mm}$	$\square$: $\Phi 8\text{mm}$ (默认) 06: $\Phi 6\text{mm}$	E: 侧出金属 side outlet metal D: 后出金属 rear-outlet metal		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,4096 等		C: 集电极开路输出 open collector output F: 互补输出 complementary output T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

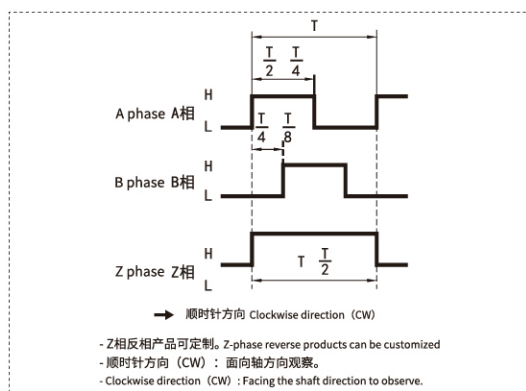
选型示例: GOS50B-2000-F3-2M: 增量型实心轴编码器, 外径 50mm, 轴径 8mm, 侧出线金属护套, 分辨率 2000 脉冲, DC10.8-26.4V 互补输出, ABZ 三相信号, 2 米电缆线

Model selection example: GOS50B-2000-F3-2M: Incremental solid shaft encoder, outer diameter 50mm, shaft diameter 8mm, side outlet metal protective wire sleeve, resolution 2000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出 / 推挽输出

complementary output/NPN collector open circuit output/push pull output

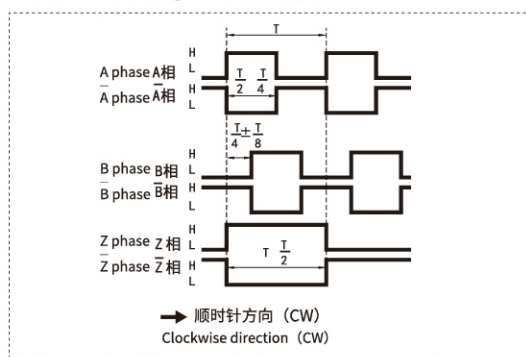


接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

长线驱动输出 long line drive output



※ 注:

F 输出: 互补输出

C 输出: NPN 集电极开路输出

T 输出: 推挽输出

L,A 输出: 长线驱动输出

C,F,T: 供电电压为 DC10.8-26.4V

L: 供电电压为 DC5V

A: 供电电压为 DC5-24V

F output: Complementary output C output: NPN collector open circuit output

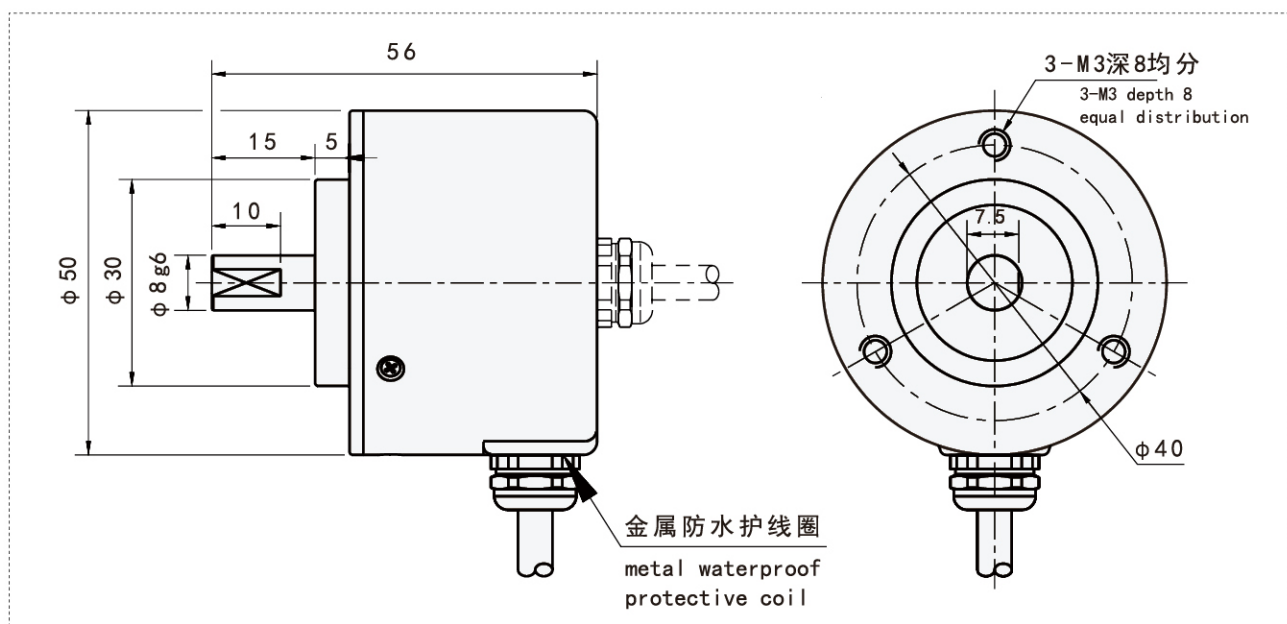
T output: push pull output

L,A output: long line drive output

C,F,T: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOS5008A01

SERIES

50 系列 旋转编码器

50 series rotary encoder

特点 Characteristic

- 替代欧姆龙 E6C3 系列
 - Replacing Omron E6C3 series
- 分辨率可达 10000P/R
 - The resolution can be up to: 10000P/R
- 采用密封轴承，防护等级可达 IP65
 - Use of sealing bearing makes the level of protection up to IP65
- 超群的耐轴荷重性能
 - Excellent axial load resistance performance

用途 Purpose

- 用于恶劣的工作环境中，以及需要精确位置和速度控制的自动化领域
 - Used in harsh working environments and automation fields that require precise position and speed control

产品型号及意义 Product model and meaning

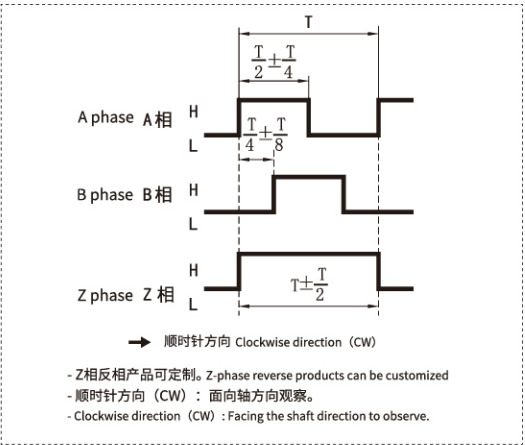
G	O	S	50	08	A	01	-	1000	-	C	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity	S: 实心轴 solid shaft	50:φ50mm	08:φ8mm (默认)	A: 侧出胶皮 side outlet rubber	01: 外形结构 1 outline structure 1		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024, 1200,2000, 2048,2500, 3000,3600, 4096 等		F: 互补输出 complementary output L:5V 驱动输出 5V drive output A:24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2 米 线,可不 填,非 2m 标注即可 Default 2m line,For non 2m, labeling is sufficient

选型示例 : GOS5008BA01-1000-C3-2M: 增量型实心轴编码器，外径 50mm，轴径 8mm，导线引出胶皮护套，分辨率 1000 脉冲，DC10.8-26.4V 互补输出，ABZ 三相信号，2 米电缆线

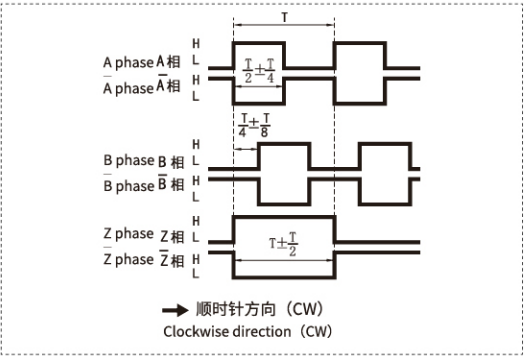
Model selection example: GOS5008BA01-1000-C3-2M: Incremental solid shaft encoder, outer diameter 50mm, shaft diameter 8mm, conductor lead out rubber wire protection sleeve, resolution 1000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

互补输出 complementary output



长线驱动输出 long line drive output



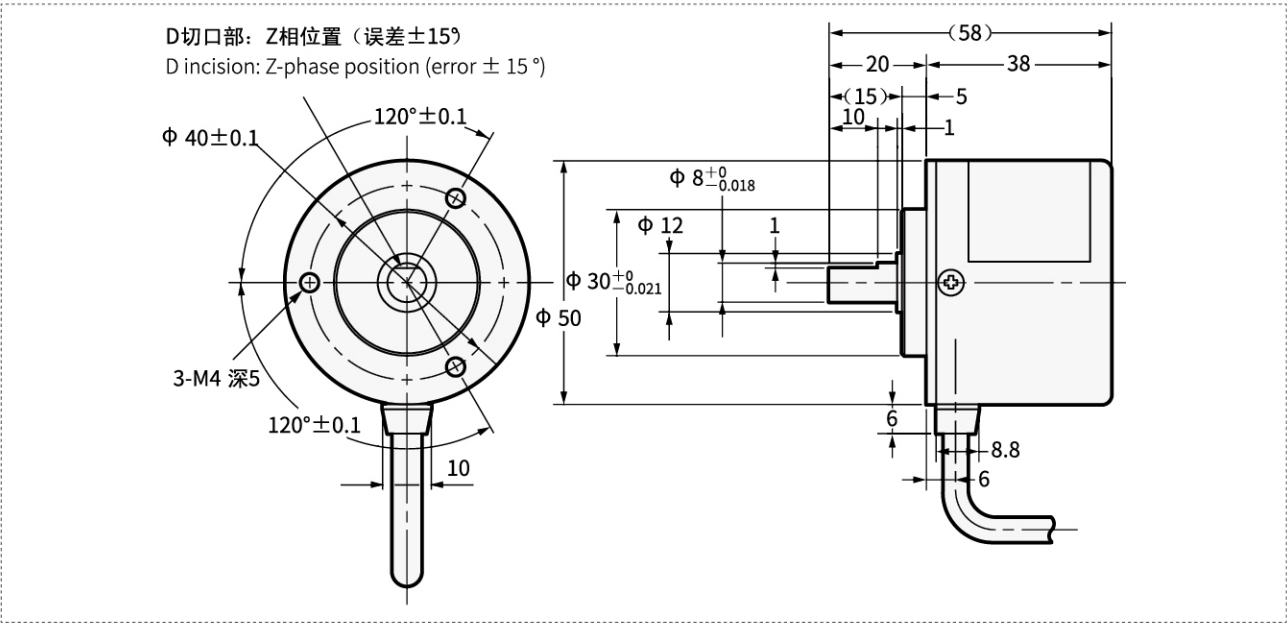
接线表 Wiring table

线色 Line color	F 输出信号 F output signal	线色 Line color	L/A 输出信号 L/A output signal
棕 brown	VCC	棕 brown	VCC
蓝 blue	GND	蓝 blue	GND
黑 black	A 相 A phase	黑 black	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
橙 orange	Z 相 Z phase	橙 orange	Z 相 Z phase
屏蔽 shield	F·G	屏蔽 shield	F·G

※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出
L 输出: 5V 长线驱动输出 A 输出: 24V 长线驱动输出
F: 供电电压为 DC10.8-26.4V
L: 供电电压为 DC5V A: 供电电压为 DC5-24V
F output: Complementary output C output: NPN collector open circuit output
L output: 5V long line drive output A output: 24V long line drive output
F: The power supply voltage is DC10.8-26.4V
L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOS50C

SERIES

50 系列 旋转编码器

50 series rotary encoder

特点 Characteristic

- 完全替代日本 KOYO 光洋 TRD-J 系列
- Completely replacing Japanese KOYO Guangyang TRD-J series
- 外径 $\Phi 50\text{mm}$, 轴径 $\Phi 8\text{mm}$, 寿命长
- outer diameter $\Phi 50\text{mm}$, shaft diameter $\Phi 8\text{mm}$, long duration

- 采用推挽输出电路, 增大输出功率
- A push pull outlet circuit is used to increase the output power.
- 线长可定制、可安装各类航空插头
- Customizable cable length and able to install various aviation plugs
- 备有 24V 线性驱动输出, 可实现 150 米长距离传输
- Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 各类卷钢、轧钢设备配套 PLC 应用, 特别针对西门子 PLC 有良好配套使用
- Various types of steel coiling and rolling equipment are equipped with PLC applications, especially for Siemens PLC, which has good matching use
- 满足要求大轴径, 大扭力使用环境用于位移、速度、计米等功能
- Meet the requirements for large shaft diameter and high torque usage environment for functions such as displacement, speed, and meter counting

产品型号及意义 Product model and meaning

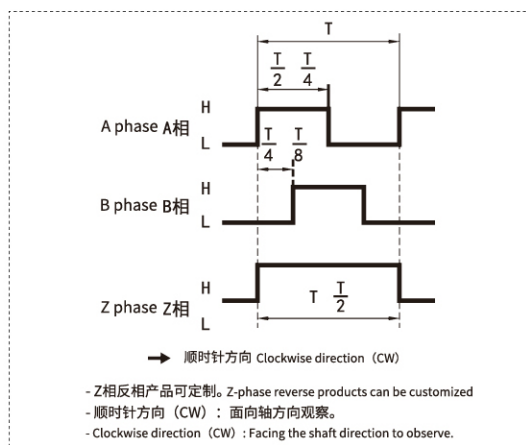
G	O	S	50	□	C	-	1000	-	T	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity L: 光电 photoelectricity	S: 实心轴 solid shaft	50: $\Phi 50\text{mm}$	□: $\Phi 8\text{mm}$ (默认)	C: 后出胶皮 rear-outlet rubber		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,4096 等		T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1: A 相信号 phase A signal 2: AB 相信号 phase AB signal 3: ABZ 相信号 phase ABZ signal 4: ABA/B/ 相信号 phase ABA/B/ signal 6: ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS50C-1000-T3-2M: 增量型实心轴编码器, 外径 50mm, 轴径 8mm, 后出线胶皮护线套, 分辨率 1000 脉冲, DC10.8-26.4V 推挽输出, ABZ 三相信号, 2 米电缆线

Model selection example: GOS50C-1000-T3-2M: Incremental solid shaft encoder, outer diameter 50mm, shaft diameter 8mm, rear-outlet rubber protective wire sleeve, resolution 1000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

推挽输出 push pull output

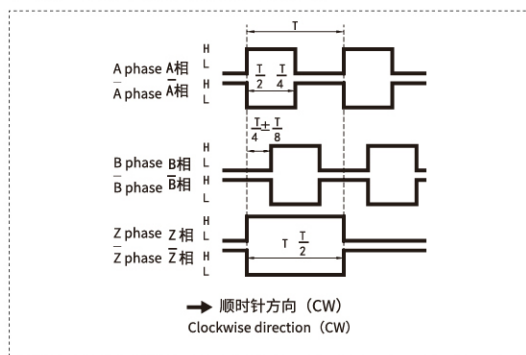


接线表 Wiring table

线色 Line color	T 输出信号 T output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
蓝黑 blue black	$\bar{A}$ 相 $\bar{A}$ phase
白黑 white black	$\bar{B}$ 相 $\bar{B}$ phase
黄黑 yellow black	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

长线驱动输出 long line drive output



※ 注:

T 输出: 推挽输出 L,A 输出: 长线驱动输出

T: 供电电压为 DC10.8-26.4V L: 供电电压为 DC5V

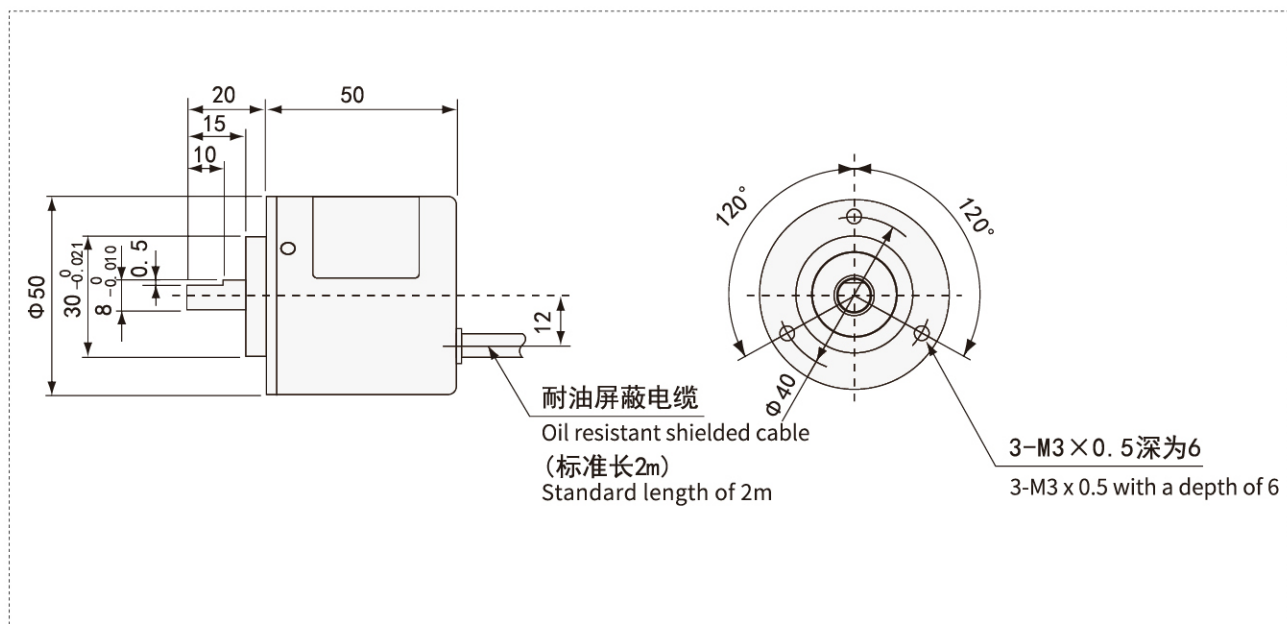
A: 供电电压为 DC5-24V

T output: push pull output L,A output: long line drive output

T: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GLS50H

SERIES

50 系列 旋转编码器

50 series rotary encoder

特点 Characteristic

- 完全替代韩国 Autonics 奥托尼克斯 E50S 系列
 - Completely replacing Autonics Ottonix E50S series from South Korea
- 采用塑料防水接头处理，防灰尘、防油
 - Plastic waterproof joint treatment is used to prevent dust and oil

- 具备反接保护和短路保护

○ of reversed connection and short-circuit protections

- 采用推挽输出电路，增大输出功率

○ A push pull outlet circuit is used to increase the output power.

- 备有 24V 线性驱动输出，可实现 150 米长距离传输

○ Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域，用于测量位移、角度、速度、计米等功能均可选配

○ Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

产品型号及意义 Product model and meaning

G	L	S	50	□	H	-	1000	-	T	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	L: 光电 photoelectricity	S: 实心轴 solid shaft	50:φ50mm	□:φ8mm (默认)	H: 后出塑料 rear-outlet plastic		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,4096 等		C: 集电极开路输出 open collector output T: 推挽输出 push pull output L:5V 驱动输出 5V drive output A:24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

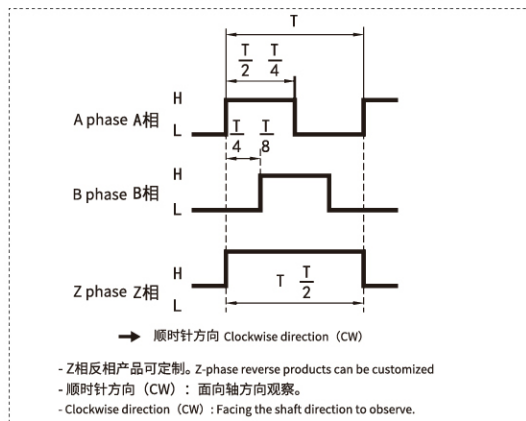
选型示例: GLS50H-1000-T3-2M: 增量型实心轴编码器, 外径 50mm, 轴径 8mm, 后出线塑料护线套, 分辨率 1000 脉冲, DC10.8-26.4V 推挽输出, ABZ 三相信号, 2 米电缆线

Model selection example: GLS50H-1000-T3-2M: Incremental solid shaft encoder, outer diameter 50mm, shaft diameter 8mm, rear-outlet plastic protective wire sleeve, resolution 1000 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

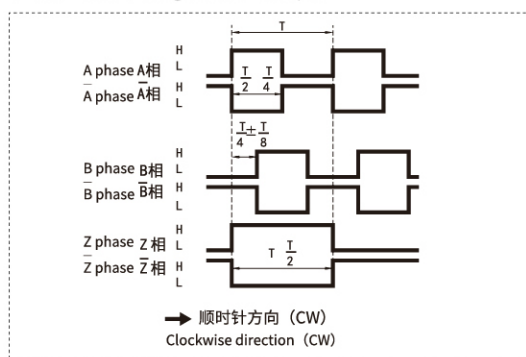
输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出

complementary output/NPN collector open circuit output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	C/T 输出信号 C/T output signal
棕 brown	VCC
蓝 blue	GND
黑 black	A 相 A phase
白 white	B 相 B phase
橙 orange	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
棕 brown	VCC
蓝 blue	GND
黑 black	A 相 A phase
白 white	B 相 B phase
橙 orange	Z 相 Z phase
红 red	$\bar{A}$ 相 $\bar{A}$ phase
灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
黄 yellow	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

※ 注:

C 输出: NPN 集电极开路输出

T 输出: 推挽输出

L,A 输出: 长线驱动输出

C,T: 供电电压为 DC10.8-26.4V

L: 供电电压为 DC5V

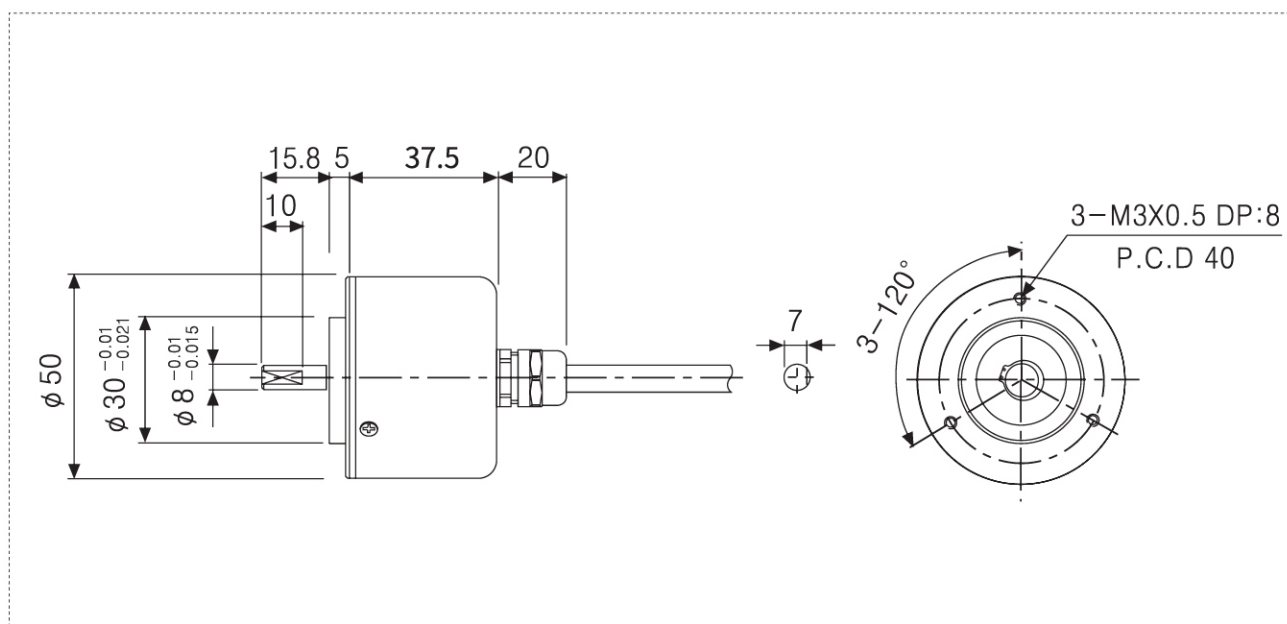
A: 供电电压为 DC5-24V

C output:NPN collector open circuit output L,A output:long line drive output

C,T:The power supply voltage is DC10.8-26.4V

L:The power supply voltage is DC5V A:The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOH50A01

SERIES

50 系列 旋转编码器

50 series rotary encoder

特点 Characteristic

- 完全替代日本 KOYO 光洋 TRD-NH 系列
○ Completely replacing Japanese KOYO Guangyang TRD-NH series
- 外径 $\Phi 50\text{mm}$, 孔径 $\Phi 8\text{mm}$
○ outer diameter $\Phi 50\text{mm}$, aperture $\Phi 8\text{mm}$

- 采用推挽输出电路, 增大输出功率
○ A push pull outlet circuit is used to increase the output power.
- 采用加长钢轴、增大轴端径向受力
○ Using an extended steel shaft and increasing the radial force on the shaft end
- 抗干扰电路优化处理
○ optimization processing of anti-interference circuits

用途 Purpose

- 自动化、半自动化应用领域, 用于测量位移、角度、速度、计米等功能均可选配
○ Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

产品型号及意义 Product model and meaning

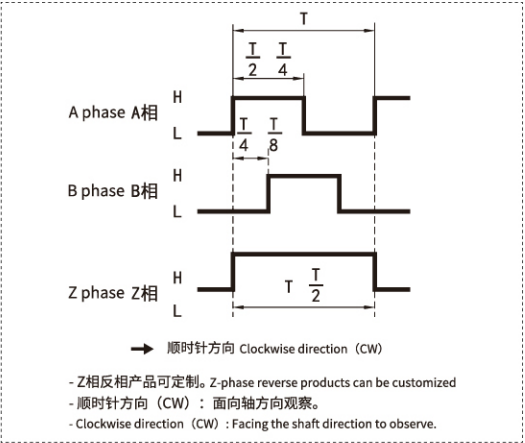
G	O	H	50	□	A	01	-	1024	-	T	3	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity	H: 半空心轴 semi-hollow shaft	50: $\Phi 50\text{mm}$	08: $\Phi 8\text{mm}$ (默认)	A: 侧出胶皮 side outlet rubber	01: 外形结构 1 outline structure 1		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024, 1200,2000, 2048,2500, 3000,3600, 4096 等		T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2 米 线, 可不 填, 非 2m 标注即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOH50A01-1024-T3-2M: 增量型半空心轴编码器, 外径 50mm, 孔径 8mm, 侧出线胶皮护套线, 分辨率 1024 脉冲, DC10.8-26.4V 推挽输出, ABZ 三相信号, 2 米电缆线

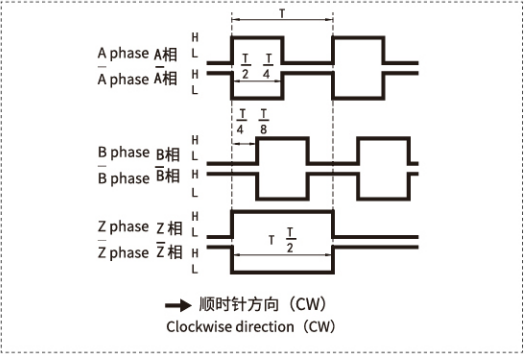
Model selection example: GOH50A01-1024-T3-2M: Incremental solid shaft encoder, outer diameter 50mm, shaft diameter 8mm, side outlet rubber protective wire sleeve, resolution 1024 pulses, DC10.8-26.4V collector open circuit output, ABZ three-phase signal, 2-meter cable

输出相位差 Output phase difference

推挽输出 push pull output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	T 输出信号 T output signal	线色 Line color	L/A 输出信号 L/A output signal
棕 brown	VCC	棕 brown	VCC
蓝 blue	GND	蓝 blue	GND
黑 black	A 相 A phase	黑 black	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
橙 orange	Z 相 Z phase	橙 orange	Z 相 Z phase
屏蔽 shield	F·G	屏蔽 shield	A 相 A phase
		屏蔽 shield	B 相 B phase
		屏蔽 shield	Z 相 Z phase
		屏蔽 shield	A 相 A phase
		屏蔽 shield	B 相 B phase
		屏蔽 shield	Z 相 Z phase
		屏蔽 shield	F·G

※ 注：

T 输出：推挽输出 L,A 输出：长线驱动输出

T：供电电压为 DC10.8-26.4V L：供电电压为 DC5V

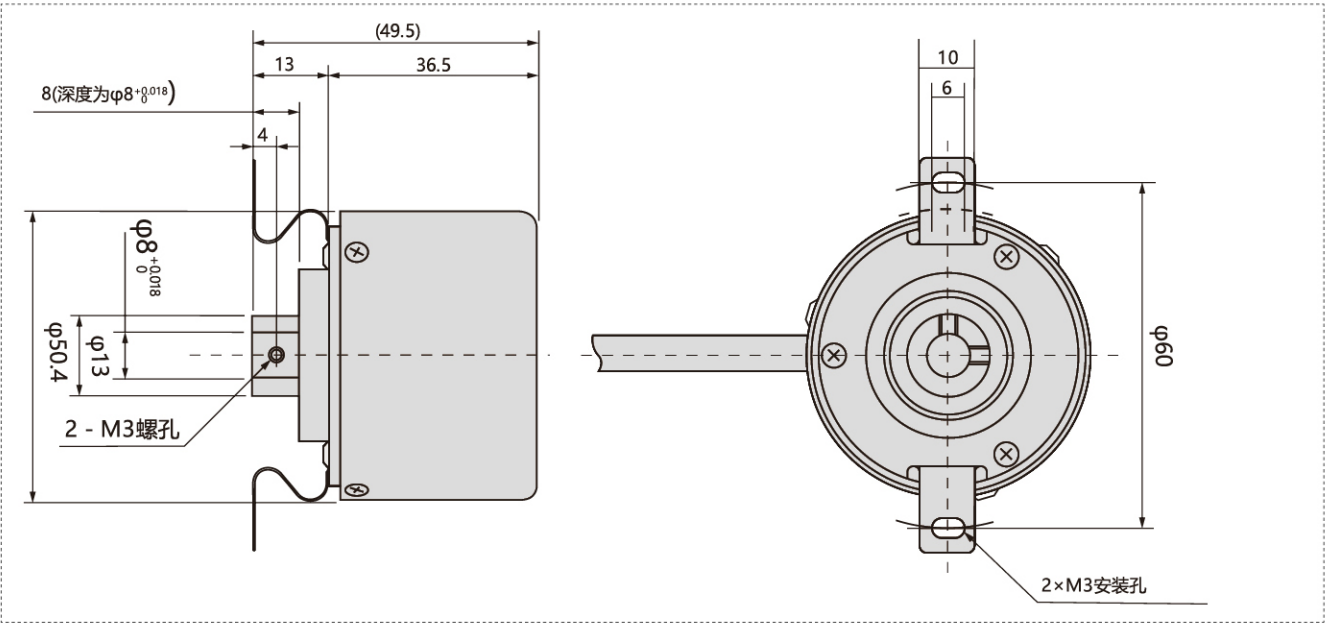
A：供电电压为 DC5-24V

T output:push pull output L,A output:long line drive output

T:The power supply voltage is DC10.8-26.4V

L:The power supply voltage is DC5V A:The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





AOS50A

SERIES

50 系列 旋转编码器

50 series rotary encoder

特点 Characteristic

- 增强替代日本 OMRON 欧姆龙 E6CP 系列
 - Enhanced replacement of Japanese OMRON Omron E6CP series
- 8-12bit 并口绝对值信号
 - 8-12 bit parallel absolute value signal

用途 Purpose

- 主要应用于纺织机械行业，用于测量角度
 - Mainly used in the textile machinery industry for measuring angles

产品型号及意义 Product model and meaning

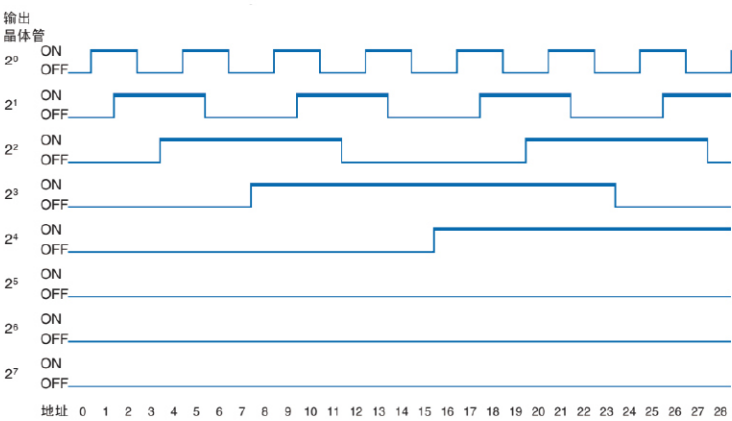
A	O	S	50	□	A	-	G	-	256	-	C	8	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		输出代码 Output Code		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
A: 并口绝对值 Parallel absolute value	O: 磁电 magneto-electricity	S: 实心轴 solid shaft	50:φ50mm	□:φ6mm (默认)	A: 侧出胶皮 side outlet rubber		G: 格雷码 Gray code N: 二进制 binary		256,360, 512,720, 1024,2048, 4096		C: NPN 集电极开路输出 NPN open collector output P: PNP 集电极开路输出 PNP open collector output	8:8bit 9:9bit 10:10bit 12:12bit		默认 2 米线, 可不填, 非 2m 标注即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: AOS50A-G-256-C8-2M: 并口绝对值实心轴编码器，外径 50mm，轴径 6mm，侧出线胶皮护套线，格雷码，分辨率 256 脉冲，DC10.8-26.4V 集电极开路输出，8 位分割，2 米电缆线

Model selection example: AOS50A-G-256-C8-2M: Parallel absolute value solid shaft encoder, outer diameter 50mm, shaft diameter 6mm, side outlet rubber protective wire sleeve, Gray code, resolution 256 pulses, DC10.8-26.4V collector open circuit output, 8-bit division, 2-meter cable

输出相位差 Output phase difference

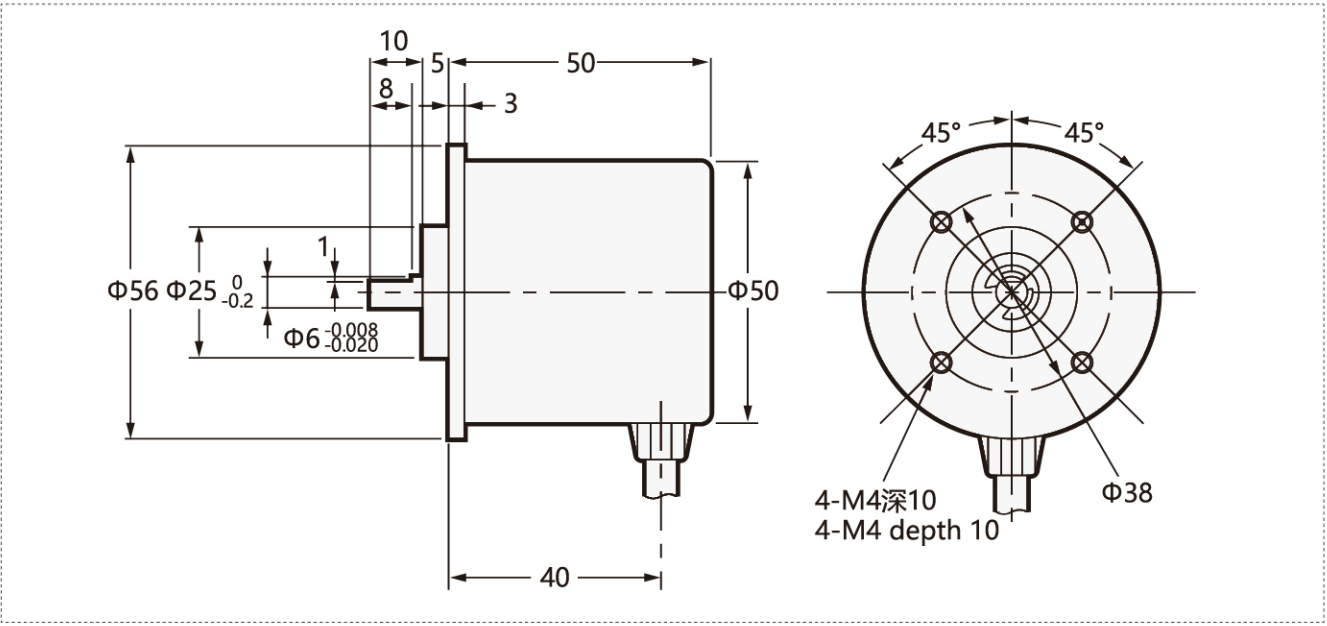
旋转方向 :CW(从轴侧看为向右转)
Rotation direction: CW (turning right when
viewed from the axis side)



接线表 Wiring table

线色 Line color	C/P 输出信号 C/P output signal
红色 red	VCC
黑色 black	0V (COMMON)
褐色 brown	输出 output 2 ⁰
橙色 orange	输出 output 2 ¹
黄色 yellow	输出 output 2 ²
绿色 green	输出 output 2 ³
蓝色 blue	输出 output 2 ⁴
紫色 purple	输出 output 2 ⁵
灰色 gray	输出 output 2 ⁶
白色 white	输出 output 2 ⁷

机械图 (mm) Mechanical drawings(mm)





GOS58

SERIES

58 系列 旋转编码器

58 series rotary encoder

特点 Characteristic

- 轴承口采用防尘盖处理
○ The bearing mouth is treated with a dust cover
- 外径 $\Phi 58\text{mm}$ ，轴径可选 $\Phi 6\text{mm}$ 、 $\Phi 8\text{mm}$ 、 $\Phi 10\text{mm}$ 、 $\Phi 12\text{mm}$ 、 $\Phi 15\text{mm}$
○ outer diameter $\Phi 58\text{mm}$, shaft hole $\Phi 6\text{mm}$ 、 $\Phi 8\text{mm}$ 、 $\Phi 10\text{mm}$ 、 $\Phi 12\text{mm}$ 、 $\Phi 15\text{mm}$
- 具备反接保护和短路保护
○ of reversed connection and short-circuit protections
- 输出方式可供选择
○ Way of output is selectable
- 备有 24V 线性驱动输出，可实现 150 米长距离传输
○ Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域，用于测量位移、角度、速度、计米等功能均可选配
○ Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

产品型号及意义 Product model and meaning

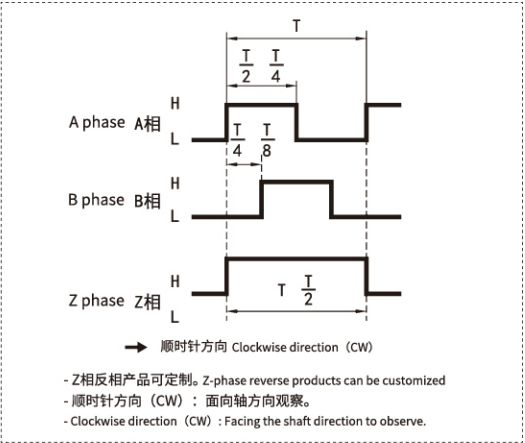
G	O	S	58	□	B	-	1000	-	A	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity L: 光电 photoelectricity	S: 实心轴 solid shaft	58: $\Phi 58\text{mm}$	06: $\Phi 6\text{mm}$ 08: $\Phi 8\text{mm}$ 10: $\Phi 10\text{mm}$ 12: $\Phi 12\text{mm}$ 15: $\Phi 15\text{mm}$	B: 侧出金属 side outlet metal D: 后出金属 rear-outlet metal F: 侧出插头 Side outlet plug G: 后出插头 Rear outlet plug		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,5000 等		T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1: A 相信号 phase A signal 2: AB 相信号 phase AB signal 3: ABZ 相信号 phase ABZ signal 4: ABA/B/ 相信号 phase ABA/B/ signal 6: ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线，非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS5810B-500-L6-2M: 增量型实心轴编码器，外径 58mm，轴径 10mm，侧出线金属护套，分辨率 500 脉冲，DC5V 长线驱动输出，ABZA/B/Z/ 六相信号，2 米电缆线

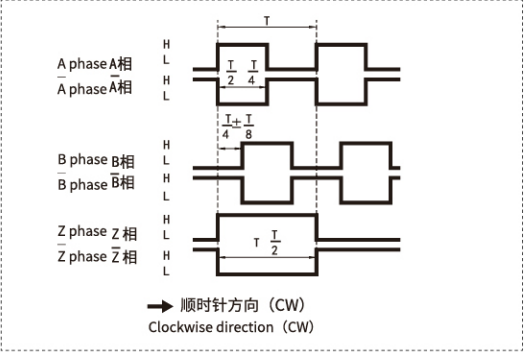
Model selection example: GOS5810B-500-L6-2M: Incremental solid shaft encoder, outer diameter 58mm, shaft diameter 10mm, side outlet metal protective wire sleeve, resolution 500 pulses, DC10.8-26.4V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

输出相位差 Output phase difference

推挽输出 push pull output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	T 输出信号 T output signal
棕 brown	VCC
白 white	GND
绿 green	A 相 A phase
灰 gray	B 相 B phase
蓝 blue	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal	插座款 12 针 12 pin socket model
棕 brown	VCC	2,12
白 white	GND	10,11
绿 green	A 相 A phase	5
灰 gray	B 相 B phase	8
蓝 blue	Z 相 Z phase	3
黄 yellow	$\bar{A}$ 相 $\bar{A}$ phase	6
粉 pink	$\bar{B}$ 相 $\bar{B}$ phase	1
红 red	$\bar{Z}$ 相 $\bar{Z}$ phase	4
屏蔽 shield	F·G	F·G

※ 注:

T 输出: 推挽输出 L,A 输出: 长线驱动输出

T: 供电电压为 DC10.8-26.4V

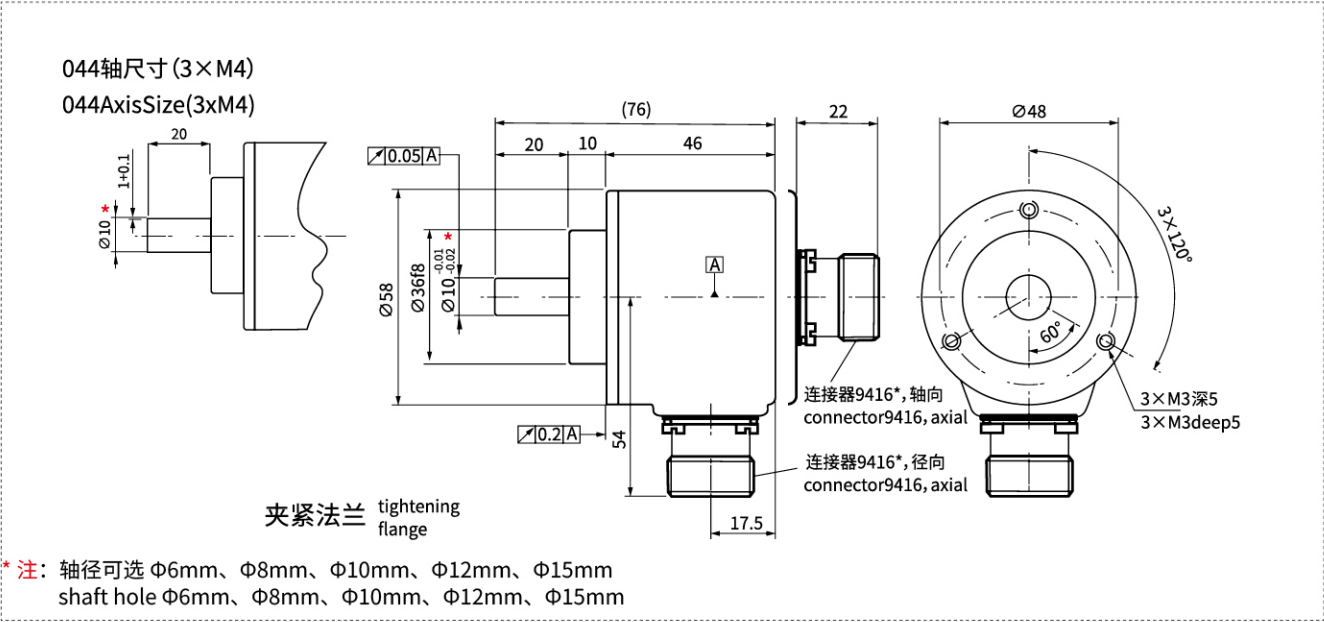
L: 供电电压为 DC5V A: 供电电压为 DC5-24V

T output: push pull output L,A output: long line drive output

T: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GLS58B02

SERIES

58 系列 旋转编码器

58 series rotary encoder

特点 Characteristic

- 轴承口采用防尘盖处理
○ The bearing mouth is treated with a dust cover
- 外径 $\Phi 58\text{mm}$, 轴径可选 $\Phi 6\text{mm}$ 、 $\Phi 8\text{mm}$ 、 $\Phi 10\text{mm}$ 、 $\Phi 12\text{mm}$ 、 $\Phi 15\text{mm}$
○ outer diameter $\Phi 58\text{mm}$, shaft diameter selectable $\Phi 6\text{mm}$ 、 $\Phi 8\text{mm}$ 、 $\Phi 10\text{mm}$ 、 $\Phi 12\text{mm}$ 、 $\Phi 15\text{mm}$
- 具备反接保护和短路保护
○ of reversed connection and short-circuit protections
- 输出方式可供选择
○ Way of output is selectable
- 备有 24V 线性驱动输出, 可实现 150 米长距离传输
○ Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域, 用于测量位移、角度、速度、计米等功能均可选配
○ Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

产品型号及意义 Product model and meaning

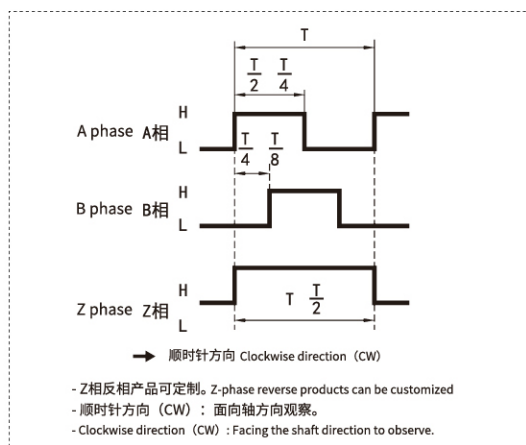
G	O	S	58	□	B	-	1000	-	A	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity L: 光电 photoelectricity	S: 实心轴 solid shaft	58: $\Phi 58\text{mm}$	06: $\Phi 6\text{mm}$ 08: $\Phi 8\text{mm}$ 10: $\Phi 10\text{mm}$ 12: $\Phi 12\text{mm}$ 15: $\Phi 15\text{mm}$	B: 侧出金属 side outlet metal D: 后出金属 rear-outlet metal F: 侧出插头 Side outlet plug G: 后出插头 Rear outlet plug		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,5000 等		T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1: A 相信号 phase A signal 2: AB 相信号 phase AB signal 3: ABZ 相信号 phase ABZ signal 4: ABA/B/ 相信号 phase ABA/B/ signal 6: ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS5810B-500-L6-2M: 增量型实心轴编码器, 外径 58mm, 轴径 10mm, 侧出线金属护套, 分辨率 500 脉冲, DC5V 长线驱动输出, ABZA/B/Z/ 六相信号, 2 米电缆线

Model selection example: GOS5810B-500-L6-2M: Incremental solid shaft encoder, outer diameter 58mm, shaft diameter 10mm, side outlet metal protective wire sleeve, resolution 500 pulses, DC10.8-26.4V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

输出相位差 Output phase difference

推挽输出 push pull output

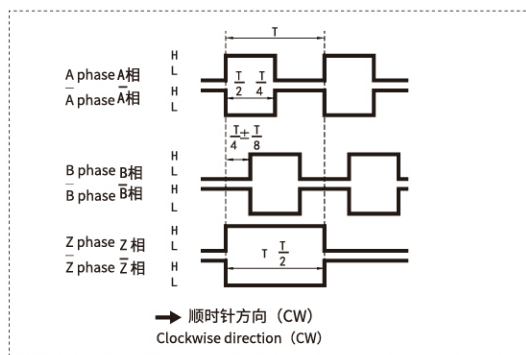


接线表 Wiring table

线色 Line color	T 输出信号 T output signal
棕 brown	VCC
白 white	GND
绿 green	A 相 A phase
灰 gray	B 相 B phase
蓝 blue	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal	插座款 12 针 12 pin socket model
棕 brown	VCC	2,12
白 white	GND	10,11
绿 green	A 相 A phase	5
灰 gray	B 相 B phase	8
蓝 blue	Z 相 Z phase	3
黄 yellow	$\bar{A}$ 相 $\bar{A}$ phase	6
粉 pink	$\bar{B}$ 相 $\bar{B}$ phase	1
红 red	$\bar{Z}$ 相 $\bar{Z}$ phase	4
屏蔽 shield	F·G	F·G

长线驱动输出 long line drive output



※ 注:

T 输出: 推挽输出 L,A 输出: 长线驱动输出

T: 供电电压为 DC10.8-26.4V

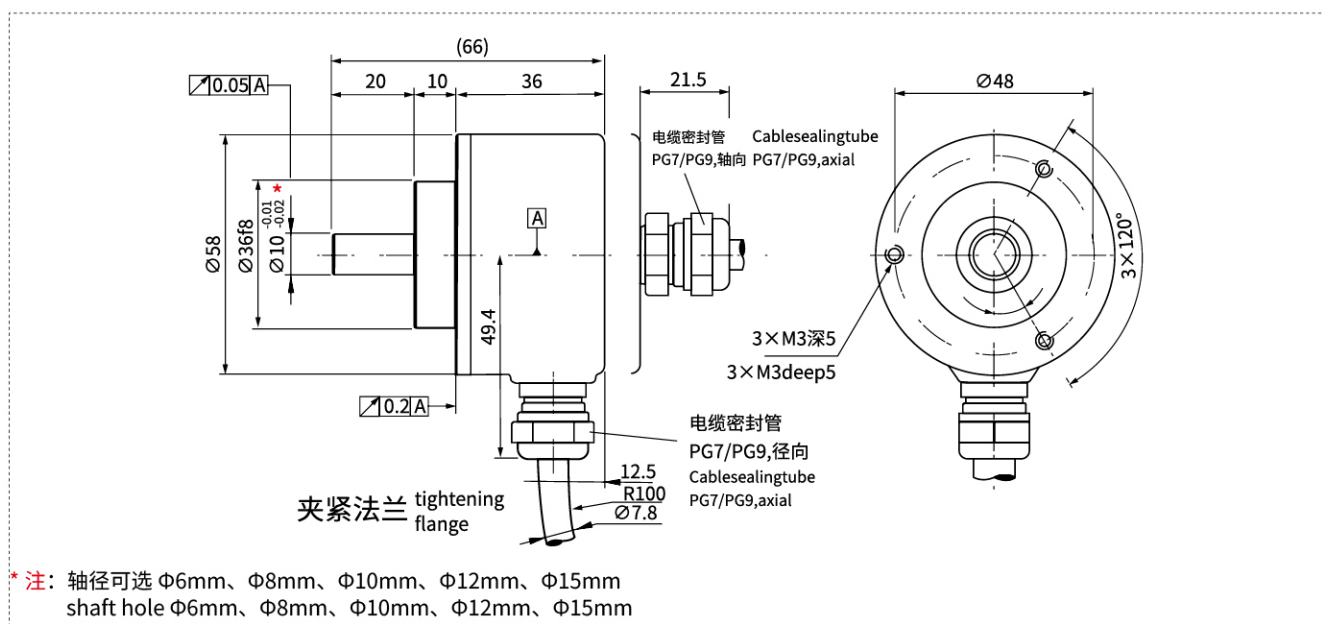
L: 供电电压为 DC5V A: 供电电压为 DC5-24V

T output: push pull output L,A output: long line drive output

T: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





COS58F03

SERIES

58 系列 旋转编码器

58 series rotary encoder

特点 Characteristic

- 轴承口采用防尘盖处理
- The bearing mouth is treated with a dust cover
- 外径 $\Phi 58\text{mm}$, 轴径可选 $\Phi 10\text{mm}$
- outer diameter $\Phi 58\text{mm}$, shaft diameter selectable $\Phi 10\text{mm}$

- 具备反接保护和短路保护

○ of reversed connection and short-circuit protections

- 输出方式可供选择

○ Way of output is selectable

- 备有 24V 线性驱动输出, 可实现 150 米长距离传输

○ Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域, 用于测量位移、角度、速度、计米等功能均可选配

○ Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

- 适用于经编机等行业

○ Suitable for industries such as warp knitting machines

产品型号及意义 Product model and meaning

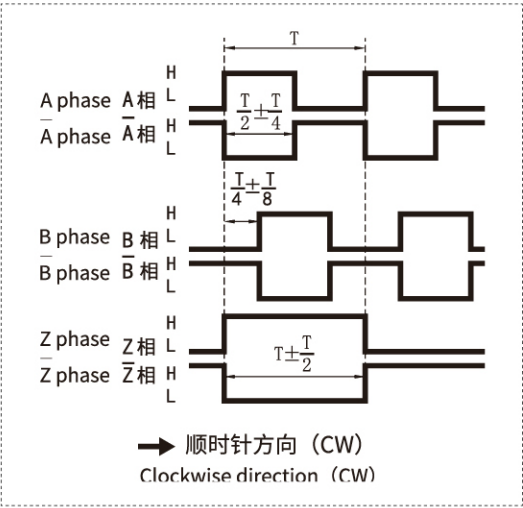
G	O	S	58	10	F	03	-	500	-	L	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto- electricity L: 光电 photoelec- tricity	S: 实心轴 solid shaft	58: $\Phi 58\text{mm}$	10: $\Phi 10\text{mm}$	F: 侧出插头 Side outlet plug B: 侧出金属 side outlet	03: 外形结构 3 outline structure 3		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024, 1200,2000, 2048,2500, 3000,3600, 5000 等		L:5V 驱动输出 5V drive output A:24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2 米 线, 可不 填, 非 2m 标注即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS5810F03-500-L6-2M: 增量型实心轴编码器, 外径 58mm, 轴径 10mm, 侧出航空插头, 分辨率 500 脉冲, DC5V 长线驱动输出, ABZA/B/Z/ 六相信号, 2 米电缆线。

Model selection example: GOS5810F03-500-L6-2M: Incremental solid shaft encoder, outer diameter 58mm, shaft diameter 10mm, side outlet aviation plugs, resolution 500 pulses, DC5V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

输出相位差 Output phase difference

长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	L/A 输出信号 L/A output signal	插座款 12 针 12 pin socket model
棕 brown	VCC	2,12
白 white	GND	10,11
绿 green	A 相 A phase	5
灰 gray	B 相 B phase	8
蓝 blue	Z 相 Z phase	3
黄 yellow	$\bar{A}$ 相 $\bar{A}$ phase	6
粉 pink	$\bar{B}$ 相 $\bar{B}$ phase	1
红 red	$\bar{Z}$ 相 $\bar{Z}$ phase	4
屏蔽 shield	F·G	F·G

※ 注：

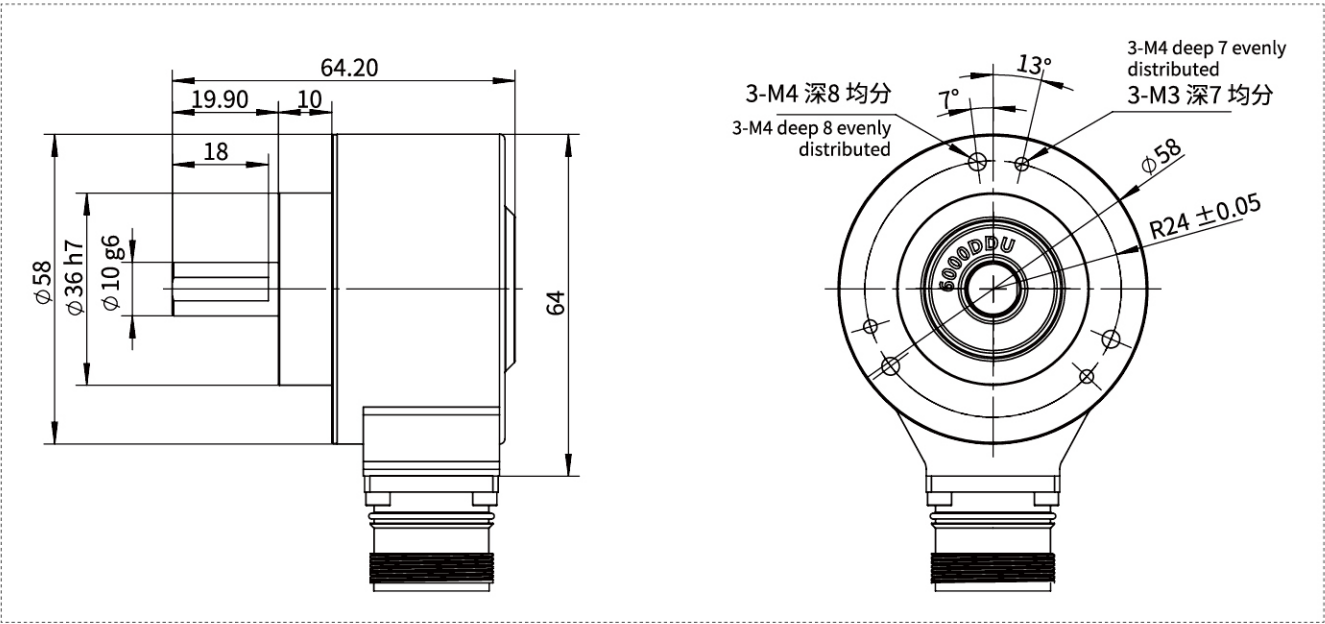
L,A 输出：长线驱动输出

L：供电电压为 DC5V A：供电电压为 DC5-24V

L,A output: long line drive output

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOS58F04

SERIES

58 系列 旋转编码器

58 series rotary encoder

特点 Characteristic

- 外径 $\Phi 58\text{mm}$, 轴径可选 $\Phi 10\text{mm}$
 - outer diameter $\Phi 58\text{mm}$, shaft diameter selectable $\Phi 10\text{mm}$
- 具备反接保护和短路保护
 - of reversed connection and short-circuit protections
- 输出方式可供选择
 - Way of output is selectable
- 备有 24V 线性驱动输出, 可实现 150 米长距离传输
 - Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域, 用于测量位移、角度、速度、计米等功能均可选配
 - Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions
- 适用于纺织机械等行业
 - Suitable for textile machinery etc. industries

产品型号及意义 Product model and meaning

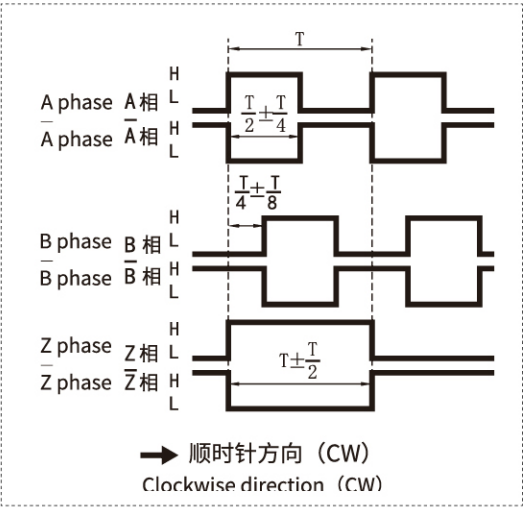
G	O	S	58	10	F	04	-	500	-	L	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	L: 光电 photoelectricity	S: 实心轴 solid shaft	58: $\Phi 58\text{mm}$	10: $\Phi 10\text{mm}$	F: 侧出插头 Side outlet plug	04: 外形结构 4 outline structure 4		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024, 1200,2000, 2048,2500, 3000,3600, 5000 等		L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1: A 相信号 phase A signal 2: AB 相信号 phase AB signal 3: ABZ 相信号 phase ABZ signal 4: ABA/B/ 相信号 phase ABA/B/ signal 6: ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2 米 线, 可不 填, 非 2m 标注即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS5810F04-500-L6-2M: 增量型实心轴编码器, 外径 58mm, 轴径 10mm, 侧出航空插头, 分辨率 500 脉冲, DC5V 长线驱动输出, ABZA/B/Z/ 六相信号, 2 米电缆线。

Model selection example: GOS5810F04-500-L6-2M: Incremental solid shaft encoder, outer diameter 58mm, shaft diameter 10mm, side outlet aviation plugs, resolution 500 pulses, DC5V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

输出相位差 Output phase difference

长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	L/A 输出信号 L/A output signal	插座款 12 针 12 pin socket model
棕 brown	VCC	2,12
白 white	GND	10,11
绿 green	A 相 A phase	5
灰 gray	B 相 B phase	8
蓝 blue	Z 相 Z phase	3
黄 yellow	$\bar{A}$ 相 $\bar{A}$ phase	6
粉 pink	$\bar{B}$ 相 $\bar{B}$ phase	1
红 red	$\bar{Z}$ 相 $\bar{Z}$ phase	4
屏蔽 shield	F·G	F·G

※注：

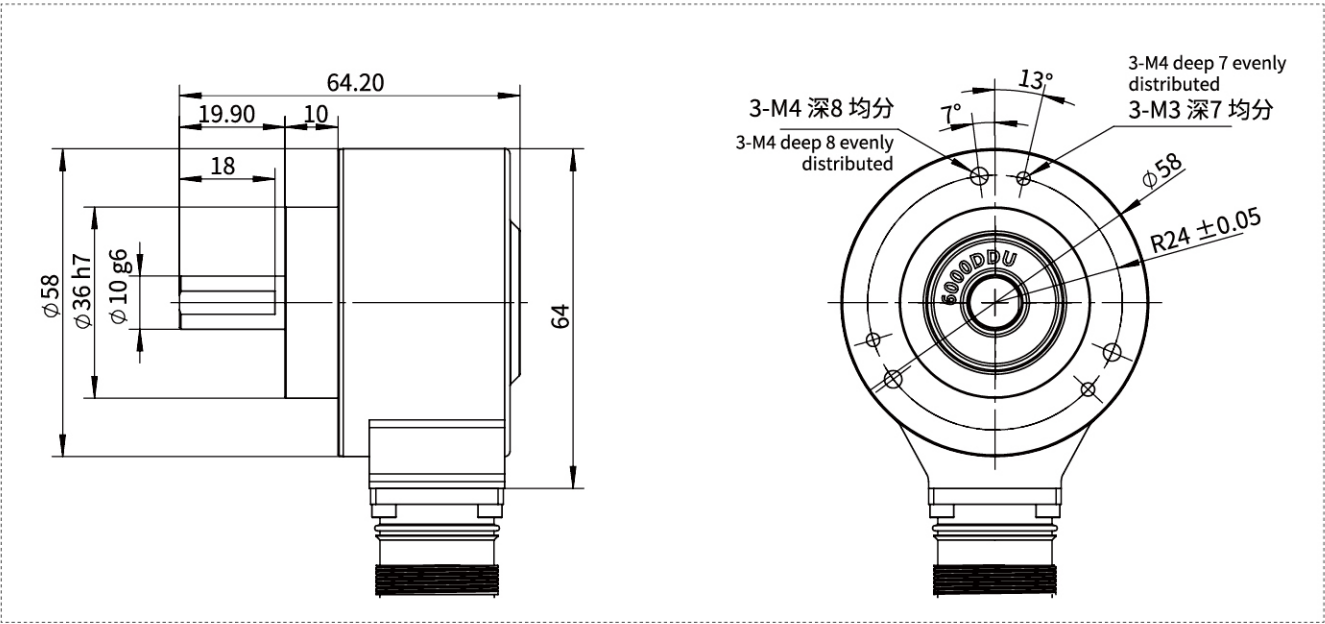
L,A 输出：长线驱动输出

L：供电电压为 DC5V A：供电电压为 DC5-24V

L,A output:long line drive output

L:The power supply voltage is DC5V A:The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOS58B05

SERIES

58 系列 旋转编码器

58 series rotary encoder

特点 Characteristic

- 外径 $\Phi 58\text{mm}$ ，轴径可选 $\Phi 10\text{mm}$
 - outer diameter $\Phi 58\text{mm}$, shaft diameter selectable $\Phi 10\text{mm}$
- 具备反接保护和短路保护
 - of reversed connection and short-circuit protections
- 输出方式可供选择
 - Way of output is selectable
- 备有 24V 线性驱动输出，可实现 150 米长距离传输
 - Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域，用于测量位移、角度、速度、计米等功能均可选配
 - Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

产品型号及意义 Product model and meaning

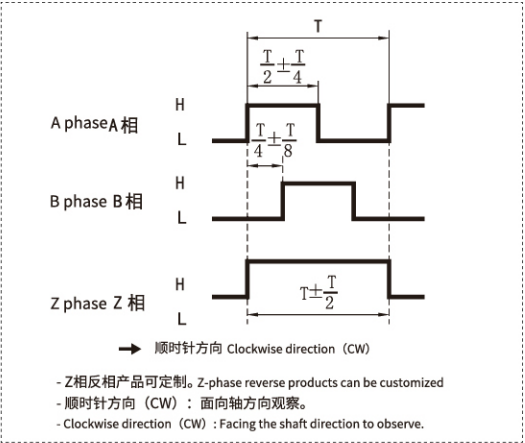
G	O	S	58	10	F	05	-	500	-	L	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form	外形结构 Outline structure		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	L: 光电 photoelectricity	S: 实心轴 solid shaft	58: $\Phi 58\text{mm}$	10: $\Phi 10\text{mm}$	F: 侧出插头 Side outlet plug	05: 外形结构 5 outline structure 5		10,20,50,60,100,200,360,400,500,600,800,1000,1024,1200,2000,2048,2500,3000,3600,5000 等		T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1: A 相信号 phase A signal 2: AB 相信号 phase AB signal 3: ABZ 相信号 phase ABZ signal 4: ABA/B/ 相信号 phase ABA/B/ signal 6: ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2 米线，可不填，非 2m 标注即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS5810F05-500-L6-2M: 增量型实心轴编码器，外径 58mm，轴径 10mm，侧出线插头，分辨率 500 脉冲，DC5V 长线驱动输出，ABZA/B/Z/ 六相信号，2 米电缆线。

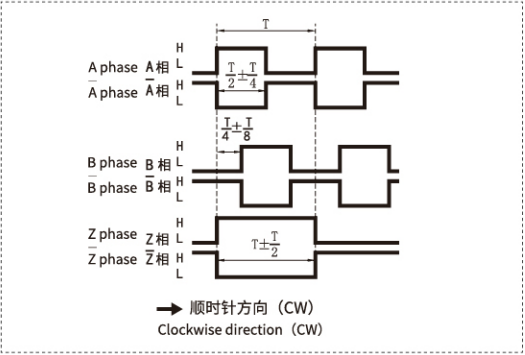
Model selection example: GOS5810F05-500-L6-2M: Incremental solid shaft encoder, outer diameter 58mm, shaft diameter 10mm, side outlet aviation plugs, resolution 500 pulses, DC5V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

输出相位差 Output phase difference

推挽输出 push pull output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	T 输出信号 T output signal
棕 brown	VCC
白 white	GND
绿 green	A 相 A phase
灰 gray	B 相 B phase
蓝 blue	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal	插座款 12 针 12 pin socket model
棕 brown	VCC	2,12
白 white	GND	10,11
绿 green	A 相 A phase	5
灰 gray	B 相 B phase	8
蓝 blue	Z 相 Z phase	3
黄 yellow	$\bar{A}$ 相 $\bar{A}$ phase	6
粉 pink	$\bar{B}$ 相 $\bar{B}$ phase	1
红 red	$\bar{Z}$ 相 $\bar{Z}$ phase	4
屏蔽 shield	F·G	F·G

※ 注:

T 输出: 推挽输出 L,A 输出: 长线驱动输出

T: 供电电压为 DC10.8-26.4V

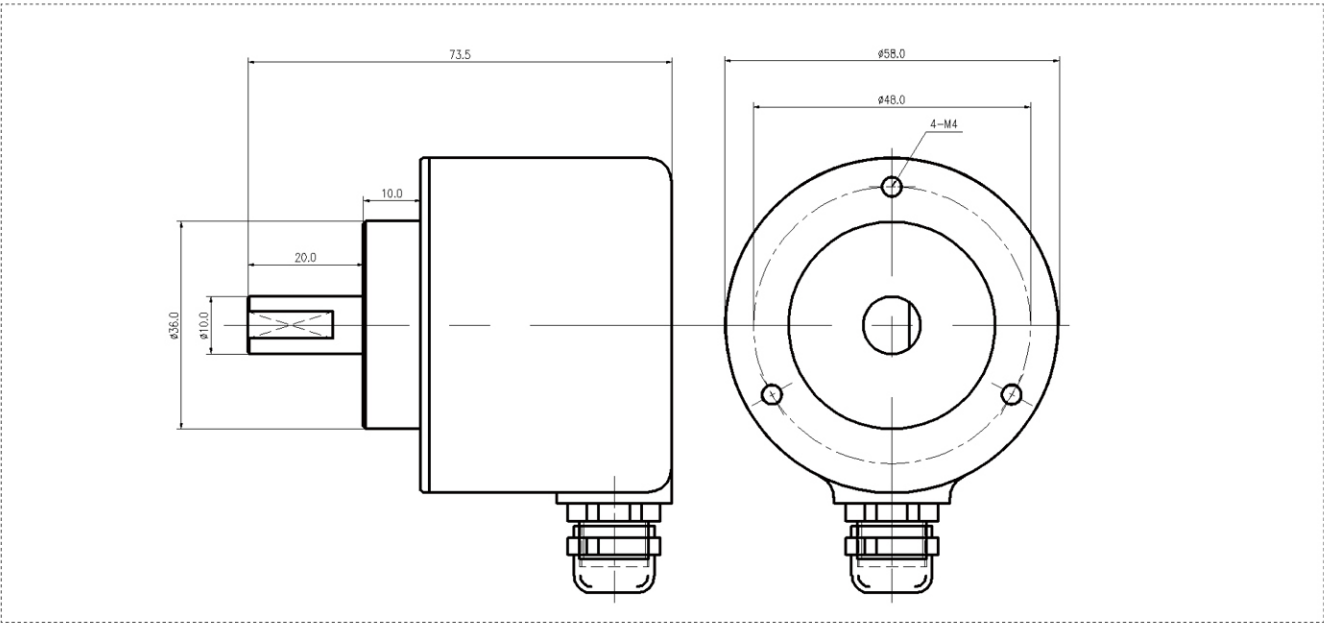
L: 供电电压为 DC5V A: 供电电压为 DC5-24V

T output: push pull output L,A output: long line drive output

T: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GLS5815F

SERIES

58 系列 旋转编码器

58 series rotary encoder

特点 Characteristic

- 轴载荷能力强，工作寿命长
- Strong axle load capacity and long working duration
- 采用模块化设计，耐高温、可靠性高
- Adopting modular design, high temperature resistance and reliability
- 航空插头输出，航插可根据客户需求选配
- Aviation plug output, aviation plugs can be selected according to customer needs

用途 Purpose

- 机床主轴等
- Machine tool spindle, etc

产品型号及意义 Product model and meaning

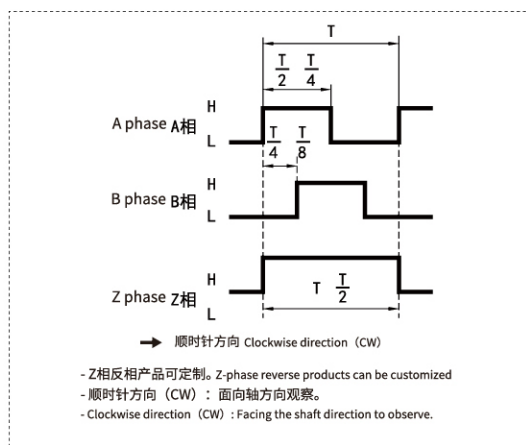
G	O	S	58	15	F	-	600	-	L	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 电磁 magneto-electricity L: 光电 photoelectricity	S: 实心轴 solid shaft	58:Φ58mm	15:Φ15mm (默认)	F: 侧出插头 Side outlet plug		10,20,50, 60,100, 200,360, 400,500, 600,800, 1000,1024,1 200,2000,20 48,2500,300 0,3600,5000 等		F: 互补输出 complementary output L:5V 驱动输出 5V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GLS5815F-1024-L6-2M: 增量型实心轴光电编码器，外径 58mm，轴径 15mm，侧出线插头，分辨率 1024 脉冲，DC5V 驱动输出，ABZA/B/Z/ 六相信号，2 米电缆线

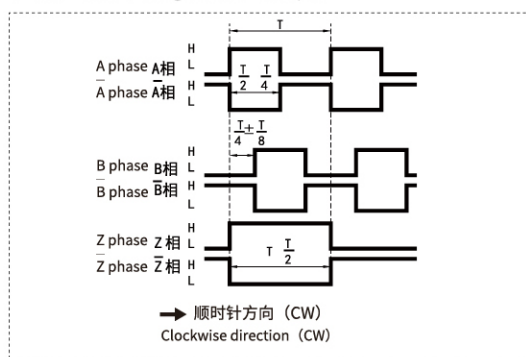
Model selection example: GLS5815F-1024-L6-2M: Incremental solid shaft encoder, outer diameter 58mm, shaft diameter 10mm, Side outlet plug, resolution 1024 pulses, DC5V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

输出相位差 Output phase difference

互补输出 complementary output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	F 输出信号 F output signal
红 red1	VCC
黑 black4	GND
绿 green3	A 相 A phase
白 white5	B 相 B phase
黄 yellow2	Z 相 Z phase
屏蔽 shield	F · G

线色 Line color	L 输出信号 L output signal
红 red1	VCC
黑 black4	GND
绿 green3	A 相 A phase
白 white5	B 相 B phase
黄 yellow2	Z 相 Z phase
棕 brown7	$\bar{A}$ 相 $\bar{A}$ phase
灰 gray6	$\bar{B}$ 相 $\bar{B}$ phase
橙 orange8	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F・G

※ 注：

F 输出: 互补输出 L 输出: 长线驱动输出

F: 供电电压为 DC10.8-26.4V

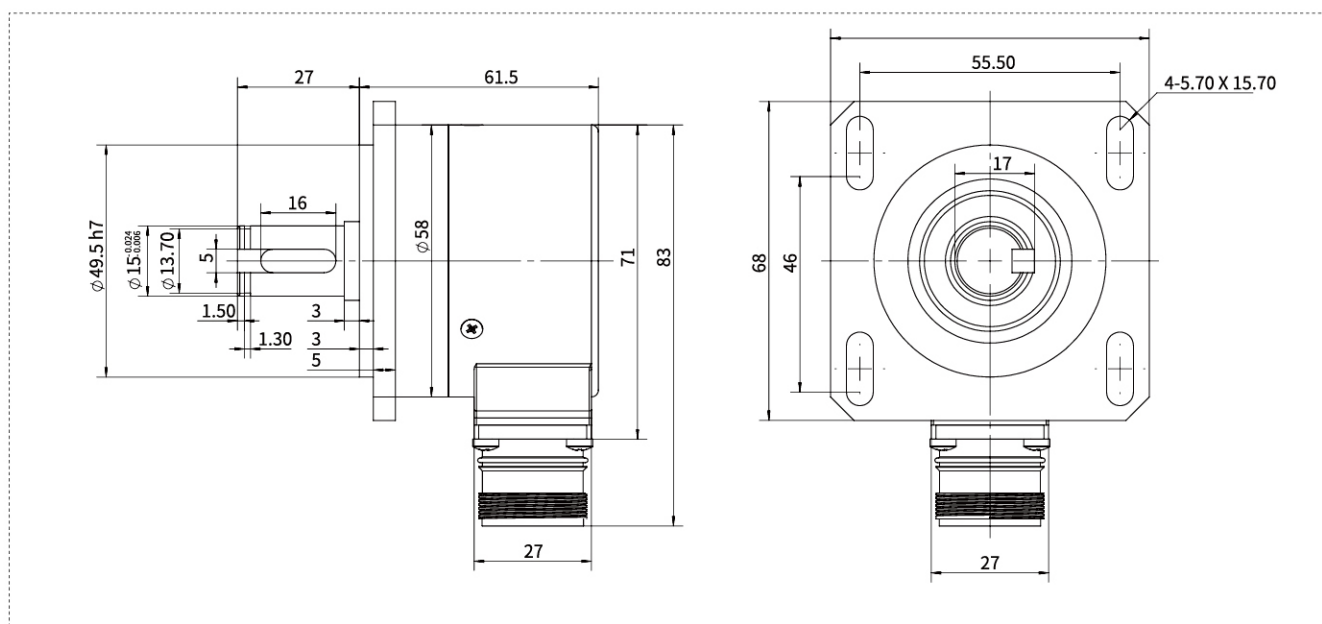
L: 供电电压为 DC5V

F output:complementary output L output:long line drive output

F: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V

机械图 (mm) Mechanical drawings(mm)





GLT58

SERIES

58 系列 旋转编码器

58 series rotary encoder

特点 Characteristic

- 轴承口采用防尘盖处理
○ The bearing mouth is treated with a dust cover
- 外径 $\Phi 58\text{mm}$, 轴径可选 $\Phi 12\text{mm}$ 、 $\Phi 15\text{mm}$
○ outer diameter $\Phi 58\text{mm}$, through-hole diameter $\Phi 12\text{mm}$ 、 $\Phi 15\text{mm}$ selectable
- 具备反接保护和短路保护
○ of reversed connection and short-circuit protections
- 输出方式可供选择
○ Way of output is selectable
- 备有 24V 线性驱动输出, 可实现 150 米长距离传输
○ Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域, 用于测量位移、角度、速度、计米等功能均可选配
○ Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

产品型号及意义 Product model and meaning

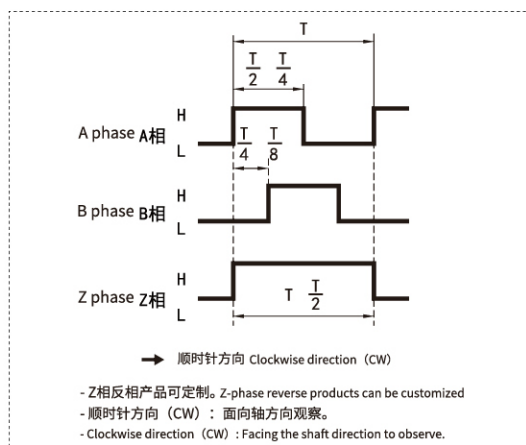
G	L	T	58	□	B	-	1000	-	L	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	L: 光电 photoelectricity	T: 通孔轴 Through-hole shaft B: 通孔轴抱紧环 Holding ring for through-hole shaft	58: $\Phi 58\text{mm}$	10: $\Phi 10\text{mm}$ 12: $\Phi 12\text{mm}$ 14: $\Phi 14\text{mm}$ 15: $\Phi 15\text{mm}$	B: 侧出金属 side outlet		10,20,50,60,100,200,360,400,500,600,800,1000,1024,1200,2000,2048,2500,3000,3600,5000等		T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GLT5812B-1000-L6-2M: 增量型全空心编码器, 外径 58mm, 孔径 12mm, 侧出线金属护套, 分辨率 1000 脉冲, DC5V 长线驱动输出, ABZA/B/Z/ 六相信号, 2 米电缆线

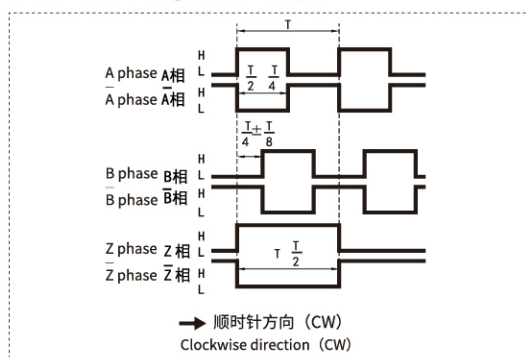
Model selection example: GLT5812B-1000-L6-2M: Incremental all hollow encoder, outer diameter 58mm, shaft diameter 12mm, side outlet metal protective wire sleeve, resolution 1000 pulses, DC5V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

输出相位差 Output phase difference

推挽输出 push pull output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	T 输出信号 T output signal
棕 brown	VCC
白 white	GND
绿 green	A 相 A phase
灰 gray	B 相 B phase
蓝 blue	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
棕 brown	VCC
白 white	GND
绿 green	A 相 A phase
灰 gray	B 相 B phase
蓝 blue	Z 相 Z phase
黄 yellow	$\bar{A}$ 相 $\bar{A}$ phase
粉 pink	$\bar{B}$ 相 $\bar{B}$ phase
红 red	$\bar{Z}$ 相 $\bar{Z}$ phase
紫 purple	U_0 Sens
黑 black	GND Sens
屏蔽 shield	F·G

※ 注:

T 输出: 推挽输出 L,A 输出: 长线驱动输出

T: 供电电压为 DC10.8-26.4V

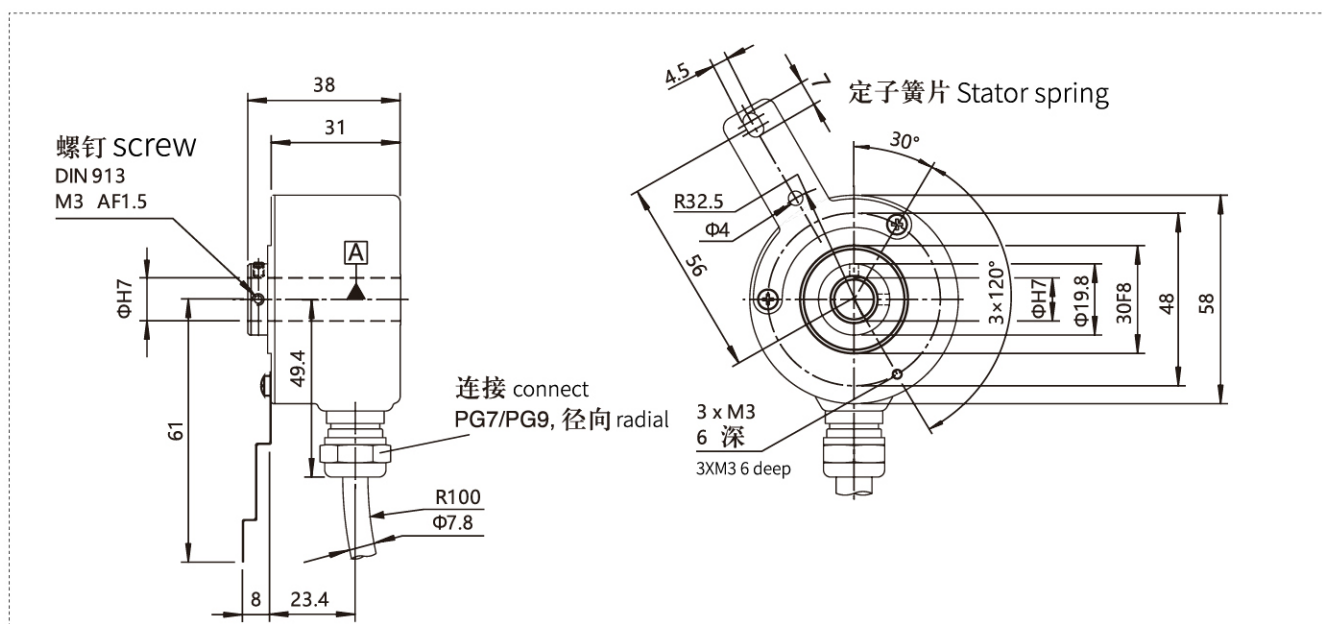
L: 供电电压为 DC5V A: 供电电压为 DC5-24V

T output: push pull output L,A output: long line drive output

T: The power supply voltage is DC10.8-26.4V

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GLT5812B

SERIES

58 系列 旋转编码器

58 series rotary encoder

特点 Characteristic

- 外径 $\phi 58\text{mm}$, 通孔孔径 10mm、12mm、14mm、15mm 可选
 - outer diameter $\phi 58\text{mm}$, through-hole diameter 10mm、12mm、14mm、15mm selectable
- 具备反接保护和短路保护
 - of reversed connection and short-circuit protections
- 输出方式可供选择
 - Way of output is selectable
- 备有 24V 线性驱动输出, 可实现 150 米长距离传输
 - Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域, 用于测量位移、角度、速度、计米等功能均可选配
 - Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

产品型号及意义 Product model and meaning

G	L	T	58	12	B	-	1000	-	L	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	L: 光电 photoelectricity	T: 通孔轴 Through-hole shaft B: 通孔轴抱紧环 Holding ring for through-hole shaft	58: $\phi 58\text{mm}$	10: $\phi 10\text{mm}$ 12: $\phi 12\text{mm}$ 14: $\phi 14\text{mm}$ 15: $\phi 15\text{mm}$	B: 侧出金属 side outlet		10, 20, 50, 60, 100, 200, 360, 400, 500, 600, 800, 1000, 1024, 1200, 2000, 2048, 2500, 3000, 3600, 5000 等		T: 推挽输出 push pull output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1: A 相信号 phase A signal 2: AB 相信号 phase AB signal 3: ABZ 相信号 phase ABZ signal 4: ABA/B/ 相信号 phase ABA/B/ signal 6: ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GLT5812B-1000-L6-2M: 增量型全空心编码器, 外径 58mm, 孔径 12mm, 侧出线金属护套线, 分辨率 1000 脉冲, DC5V 长线驱动输出, ABZA/B/Z/ 六相信号, 2 米电缆线。

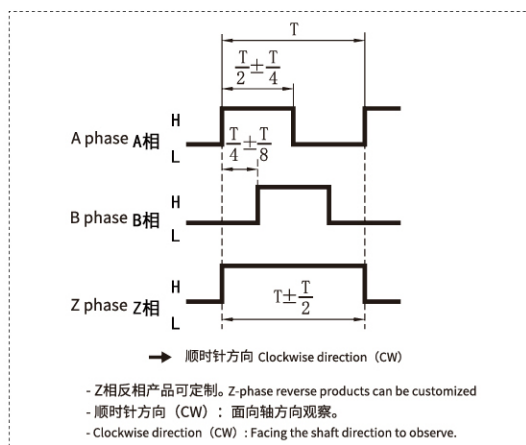
Model selection example: GLT5812B-1000-L6-2M: Incremental all hollow encoder, outer diameter 58mm, shaft diameter 12mm, side outlet metal protective wire sleeve, resolution 1000 pulses, DC5V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

旋转式编码器

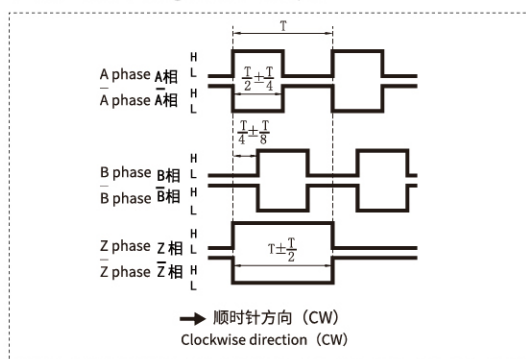
SENSOR SENSING PERCEIVES
THE WORLD

输出相位差 Output phase difference

推挽输出 push pull output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	T 输出信号 T output signal	线色 Line color	L/A 输出信号 L/A output signal
棕 brown	VCC	棕 brown	VCC
白 white	GND	白 white	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
灰 gray	B 相 B phase	灰 gray	B 相 B phase
蓝 blue	Z 相 Z phase	蓝 blue	Z 相 Z phase
屏蔽 shield	F · G	黄 yellow	$\bar{A}$ 相 $\bar{A}$ phase
		粉 pink	$\bar{B}$ 相 $\bar{B}$ phase
		红 red	$\bar{Z}$ 相 $\bar{Z}$ phase
		紫 purple	U _b Sens
		黑 black	GND Sens
		屏蔽 shield	F · G

※ 注：

T 输出：推挽输出 L,A 输出：长线驱动输出

T: 供电电压为 DC10.8-26.4V

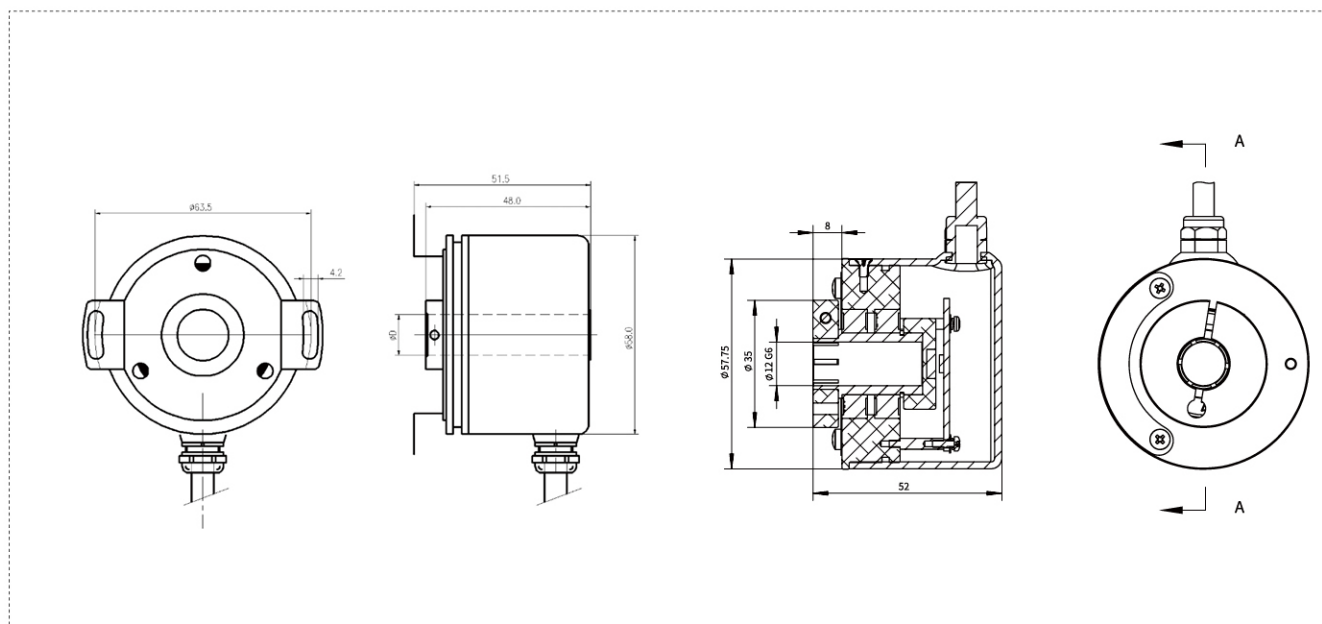
L: 供电电压为 DC5V A: 供电电压为 DC5-24V

T output:push pull output L,A output:long line drive output

T: The power supply voltage is DC10.8-26.4V

L:The power supply voltage is DC5V A:The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GOS63

SERIES

63 系列 旋转编码器

63 series rotary encoder

特点 Characteristic

- 轴承口采用防尘盖处理
- The bearing mouth is treated with a dust cover
- 外径 $\Phi 63\text{mm}$ ，轴径 $\Phi 10\text{mm}$ 和 $\Phi 15\text{mm}$ 可选
- outer diameter $\Phi 63\text{mm}$, through-hole diameter 10mm & 15mm selectable

- 具备反接保护和短路保护
- of reversed connection and short-circuit protections
- 输出方式可供选择
- Way of output is selectable
- 备有 24V 线性驱动输出，可实现 150 米长距离传输
- Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 自动化、半自动化应用领域，用于测量位移、角度、速度、计米等功能均可选配
- Automation and semi-automatic application fields, optional for measuring displacement, angle, speed, metering etc. functions

产品型号及意义 Product model and meaning

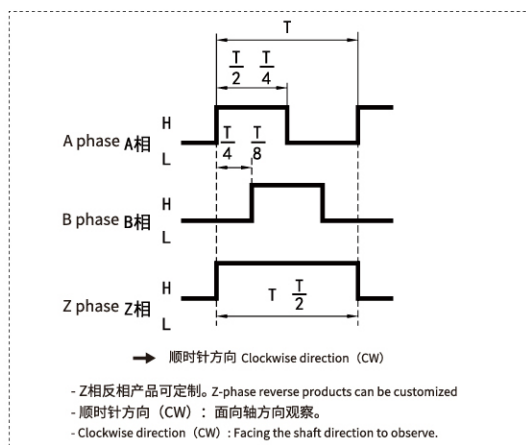
G	O	S	63	10	B	-	2000	-	A	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	O: 磁电 magneto-electricity L: 光电 photoelectricity	S: 实心轴 solid shaft	63: $\Phi 63\text{mm}$	10: $\Phi 10\text{mm}$ 15: $\Phi 15\text{mm}$	B: 侧出金属 side outlet metal F: 侧出插座 side outlet socket		10, 20, 50, 60, 100, 200, 360, 400, 500, 600, 800, 1000, 1024, 1200, 2000, 2048, 2500, 3000, 3600, 5000 等		F: 互补输出 complementary output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1: A 相信号 phase A signal 2: AB 相信号 phase AB signal 3: ABZ 相信号 phase ABZ signal 4: ABA/B/ 相信号 phase ABA/B/ signal 6: ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线，非 2m 标注即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GOS6315F-1024-A6-2M: 增量型实心轴编码器，外径 63mm，轴径 15mm，侧出线插座，分辨率 1024 脉冲，DC5-24V 长线驱动输出，ABZA/B/Z/ 六相信号，2 米电缆线

Model selection example: GOS6315F-1024-A6-2M: Incremental solid shaft encoder, outer diameter 63mm, shaft diameter 15mm, side outlet socket protective wire sleeve, resolution 1000 pulses, DC5V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

输出相位差 Output phase difference

互补输出 complementary output

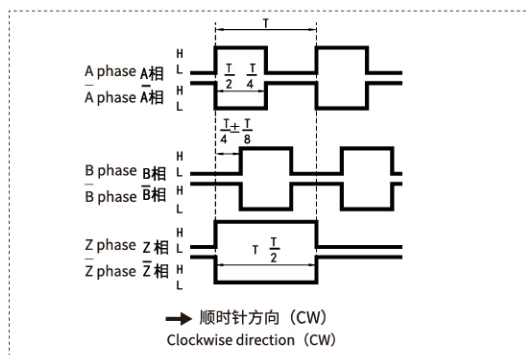


接线表 Wiring table

线色 Line color	F 输出信号 F output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

长线驱动输出 long line drive output



※ 注:

F 输出: 互补输出 L,A 输出: 长线驱动输出

F: 供电电压为 DC10.8-26.4V

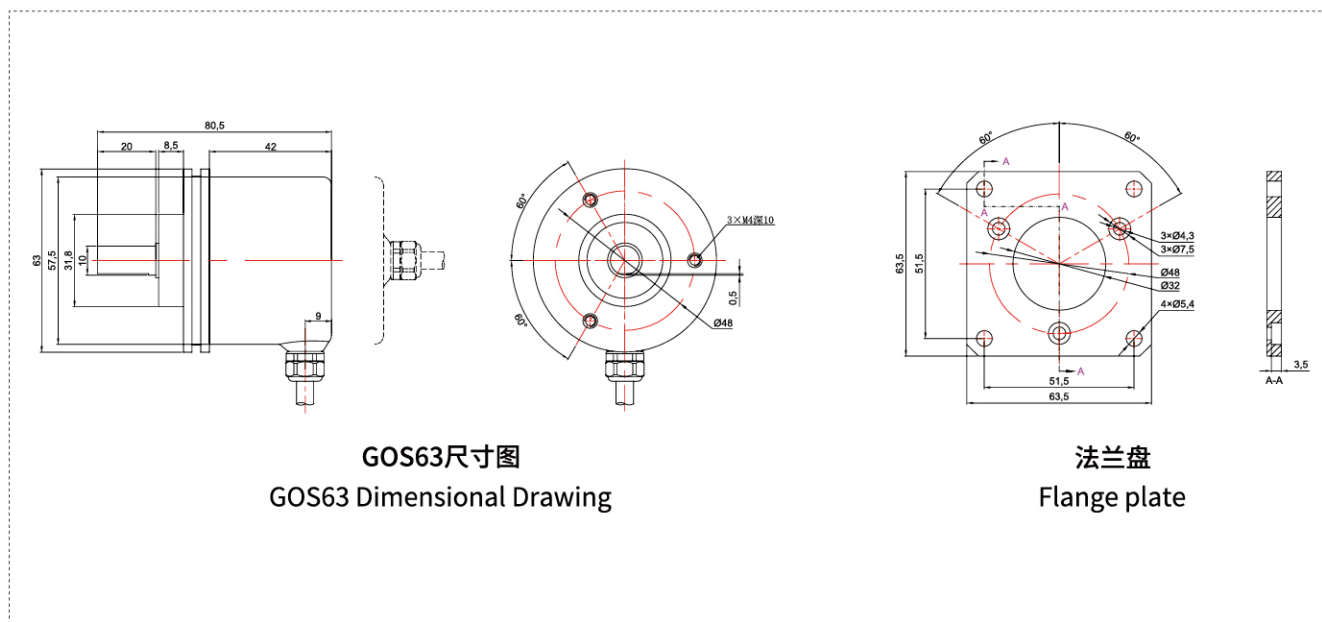
L: 供电电压为 DC5V

F output:complementary output L,A output:long line drive output

F:The power supply voltage is DC10.8-26.4V

L:The power supply voltage is DC5V

机械图 (mm) Mechanical drawings(mm)





GLT8030B

SERIES

80 系列 旋转编码器

80 series rotary encoder

特点 Characteristic

- 采用防尘油封盖处理
○ treated with dust-proof oil sealing cover
- 外径 $\Phi 80\text{mm}$, 孔径 $\Phi 30\text{mm}$, 孔径规格多
○ outer diameter $\Phi 80\text{mm}$, aperture $\Phi 30\text{mm}$, a lot of specification with aperture
- 采用板弹簧和客户端连接
○ using plate springs to connect the client
- 备有 24V 线性驱动输出, 可实现 150 米长距离传输
○ Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 主要应用于电梯、电机、纺织机械、轻工机械等测量位移和速度
○ Mainly used for measuring displacement and speed in elevators, motors, textile machinery, light industry machinery, etc.

产品型号及意义 Product model and meaning

G	L	T	80	30	B	-	1024	-	L	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	L: 光电 photoelectricity	T: 通孔轴 Through-hole shaft	80: $\Phi 80\text{mm}$	30: $\Phi 30\text{mm}$ (默认) 28: $\Phi 28\text{mm}$ 25: $\Phi 25\text{mm}$ 22: $\Phi 22\text{mm}$ 20: $\Phi 20\text{mm}$	B: 侧出金属 side outlet metal F: 航空侧出 aviation side outlet		100,200, 360,400, 500,600, 800,1000, 1024,1200, 2000,2048, 2500,4096		C: 集电极开路输出 open collector output F: 互补输出 complementary output L: 5V 驱动输出 5V drive output A: 24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注 即可 Default 2m line, For non 2m, labeling is sufficient

选型示例: GLT8030B-1024-L6-2M: 增量型全空心光电编码器, 外径 80mm, 孔径 30mm, 侧出线金属护线套, 分辨率 1024 脉冲, DC5V 长线驱动输出, ABZA/B/Z/ 六相信号, 2 米电缆线

Model selection example: GLT8030B-1024-L6-2M: Incremental all hollow encoder, outer diameter 80mm, shaft diameter 30mm, side outlet metal protective wire sleeve, resolution 1024 pulses, DC5V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable



GLT10030B

SERIES

100 系列 旋转编码器

100 series rotary encoder

特点 Characteristic

- 使用重型进口轴承
○ Using heavy-duty imported bearings
- 外径 $\Phi 100\text{mm}$, 孔径 $\Phi 30\text{mm}$
○ outer diameter $\Phi 100\text{mm}$, aperture $\Phi 30\text{mm}$
- 采用板弹簧和客户端连接, 安装方便
○ using plate springs to connect the client, easily installed
- 备有 24V 线性驱动输出, 可实现 150 米长距离传输
○ Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 起重行业、塔吊行业、风电行业、电梯行业、电机行业等位移、速度测量
○ Displacement and speed measurement in such industries as cranes, tower cranes, wind power, elevators, and motors

产品型号及意义 Product model and meaning

G	L	T	100	30	B	-	1024	-	L	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	L: 有 Z 路光 电 Z-path optoelectronics P: 无 Z 路 光电 no Z-path optoelectronics	T: 通孔轴 Through-hole shaft	100: $\Phi 100\text{mm}$	30: $\Phi 30\text{mm}$ (默认) 35: $\Phi 35\text{mm}$ 38: $\Phi 38\text{mm}$ 40: $\Phi 40\text{mm}$ 45: $\Phi 45\text{mm}$	B: 侧出金属 side outlet metal F: 航空侧出 aviation side outlet		100,200, 360,400, 500,600, 800,1000, 1024,1200, 2000,2048, 2500,4096		L:5V 驱动输出 5V drive output A:24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注即 可 Default 2m line, For non 2m, labeling is sufficient

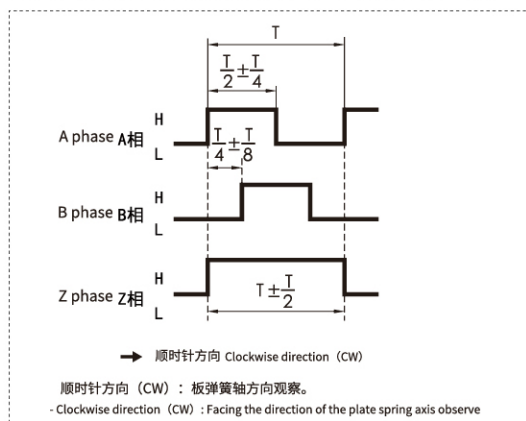
选型示例: GLT10030B-1024-L6-2M: 增量型全空心光电编码器, 外径 100mm, 孔径 30mm, 侧出线金属护套套, 分辨率 1024 脉冲, DC5V 长线驱动输出, ABZA/B/Z/ 六相信号, 2 米电缆线。

Model selection example: GLT10030B-1024-L6-2M: Incremental all hollow encoder, outer diameter 100mm, shaft diameter 30mm, side outlet metal protective wire sleeve, resolution 1024 pulses, DC5V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

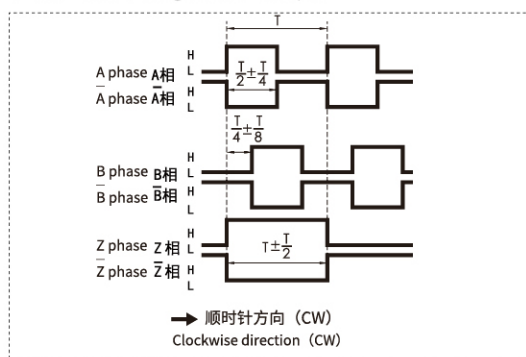
输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出

complementary output/NPN collector open circuit output



长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	C/F 输出信号 C/F output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
屏蔽 shield	F·G

线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F·G

※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出

L,A 输出: 长线驱动输出 C,F: 供电电压为 DC10.8-26.4V

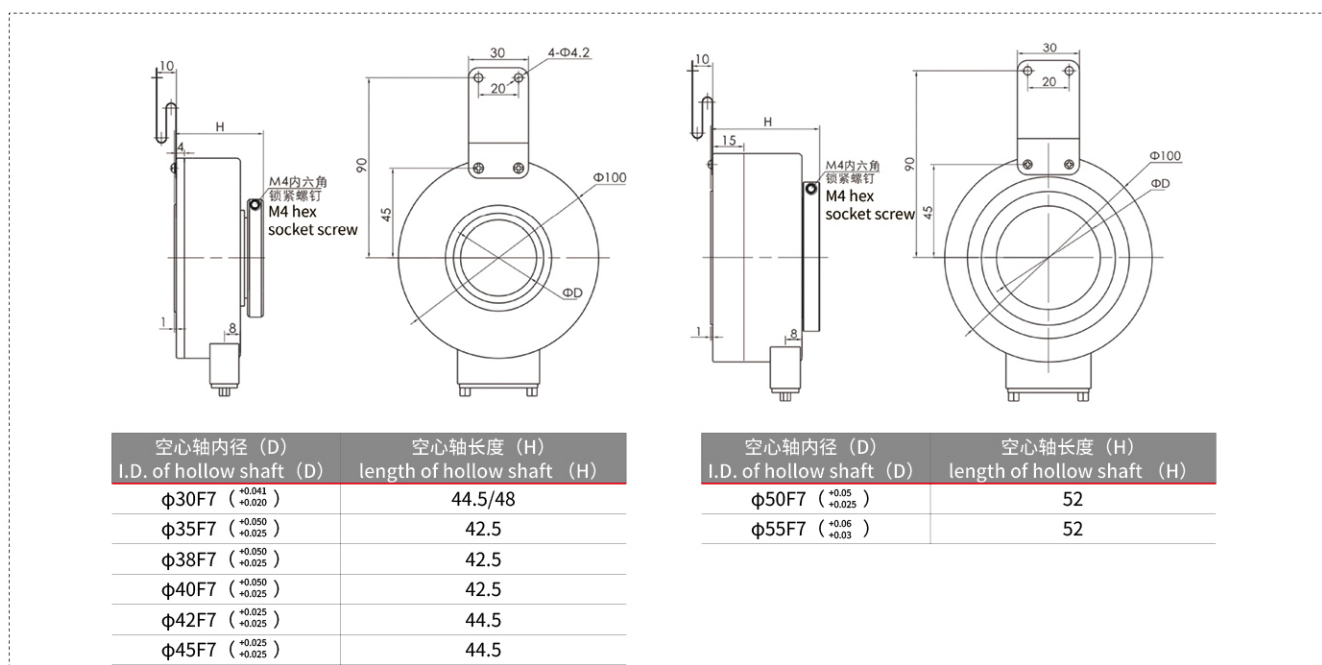
L: 供电电压为 DC5V A: 供电电压为 DC5-24V

F output:complementary output C output:NPN collector open circuit output

L,A output:long line drive output C,T:The power supply voltage is DC10.8-26.4V

L:The power supply voltage is DC5V A:The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





GLT10045B

SERIES

100 系列 旋转编码器

100 series rotary encoder

特点 Characteristic

- 使用重载型进口轴承
○ Using heavy-duty imported bearings
- 外径 $\Phi 100\text{mm}$, 孔径 $\Phi 45\text{mm}$
○ outer diameter $\Phi 100\text{mm}$, aperture $\Phi 45\text{mm}$
- 采用板弹簧和客户端连接, 安装方便
○ using plate springs to connect the client, easily installed
- 备有 24V 线性驱动输出, 可实现 150 米长距离传输
○ Equipped with 24V linear drive output, capable of achieving long-distance transmission of 150 meters

用途 Purpose

- 起重机行业、塔吊行业、风电行业、电梯行业、电机行业等位移、速度测量
○ Displacement and speed measurement in such industries as cranes, tower cranes, wind power, elevators, and motors

产品型号及意义 Product model and meaning

G	L	T	100	45	B	-	1024	-	L	6	-	2M
产品类别 Category of product	产品类型 Type of product	主轴形式 Form of main shaft	产品外形 Contour of product	主轴、轴孔尺寸 Size of main shaft, shaft hole	出线及密封形式 Outlet and sealing form		分辨率 Resolution		输出形式 Output form	输出信号 Output signal		电缆线 Cable
G: 增量式 incremental type	L: 光电 photoelectricity	T: 通孔轴 Through-hole shaft	100: $\Phi 100\text{mm}$	45: $\Phi 45\text{mm}$ (默认) 40: $\Phi 40\text{mm}$ 38: $\Phi 38\text{mm}$ 35: $\Phi 35\text{mm}$ 30: $\Phi 30\text{mm}$	B: 侧出金属 side outlet metal F: 航空侧出 aviation side outlet		100,200, 360,400, 500,600, 800,1000, 1024,1200, 2000,2048, 2500,4096		L:5V 驱动输出 5V drive output A:24V 驱动输出 24V drive output	1:A 相信号 phase A signal 2:AB 相信号 phase AB signal 3:ABZ 相信号 phase ABZ signal 4:ABA/B/ 相信号 phase ABA/B/ signal 6:ABZA/B/Z/ 相信号 phase ABZA/B/Z/ signal		默认 2m 米线, 非 2m 标注即 可 Default 2m line, For non 2m, labeling is sufficient

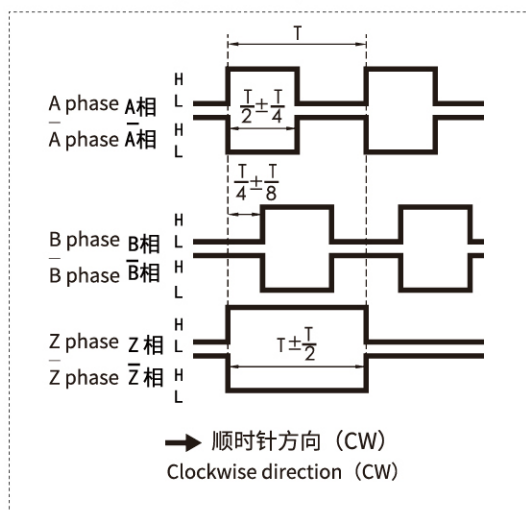
选型示例: GLT10045B-1024-L6-2M: 增量型全空心光电编码器, 外径 100mm, 孔径 45mm, 侧出线金属护套, 分辨率 1024 脉冲, DC5V 长线驱动输出, ABZA/B/Z/ 六相信号, 2 米电缆线

Model selection example: GLT10045B-1024-L6-2M: Incremental all hollow encoder, outer diameter 100mm, shaft diameter 45mm, side outlet metal protective wire sleeve, resolution 1024 pulses, DC5V collector open circuit output, phase ABZA/B/Z/ signal, 2-meter cable

输出相位差 Output phase difference

接线表 Wiring table

长线驱动输出 long line drive output



线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC
黑 black	GND
绿 green	A 相 A phase
白 white	B 相 B phase
黄 yellow	Z 相 Z phase
棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
屏蔽 shield	F · G

※ 注：

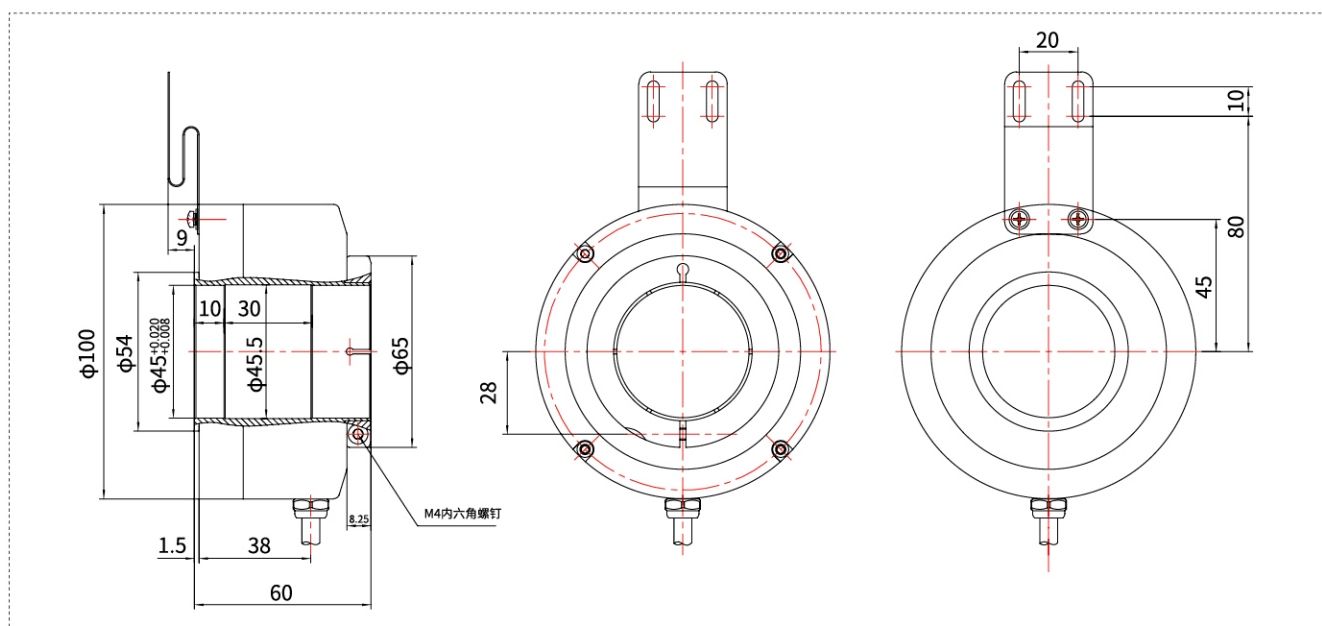
L,A 输出：长线驱动输出

L: 供电电压为 DC5V A: 供电电压为 DC5-24V

L,A output:long line drive output

L: The power supply voltage is DC5V A: The power supply voltage is DC5-24V

机械图 (mm) Mechanical drawings(mm)





LX40S

SERIES

40 系列 拉线式编码器

40 series Wire type encoder

特点 Characteristic

- 外壳坚固耐磨，耐腐蚀
- The shell is sturdy, wear-resistant, and corrosion-resistant
- 体积小，便于安装，测量精准
- Small size, easy to install, precise measurement
- 多种输出类型
- Multiple output types

用途 Purpose

- 液压缸行程检测，闸门开度检测，吊车提升机检测
- Hydraulic cylinder stroke detection, gate opening detection, crane hoist detection
- 自动仓储，试验机检测等等
- Automatic warehousing, testing machine detection, etc.

产品型号及意义 Product model and meaning

LX40S	-	1000	-	24	F	0.5M	-	2G	2
		脉冲数 (分辨率) Pulse count(resolution)		工作电压 voltage	输出形式 Output form	测量行程 Measuring stroke		电缆线长度方向 Cable length direction	拉头样式 Pulling style
		1000:1000BM(0.05)		05:5V	C: 集电极开路输出 open collector output	0-600mm		2G:2 米电缆线侧出 2-meter cable side outlet	1: 圆柱形 Cylindrical shape
		2000:2000BM(0.025)		12:12V	F: 互补输出 complementary output			2E:2 米电缆线后出 2-meter cable rear outlet	2: 圆环形 Circular ring shape
		2500:2500BM(0.02)		24:24V	T: 推挽输出 push pull output			电缆线 2 米标配 2-meter standard cable configuration	3: 拉链式 Zipper style
		5000:5000BM(0.01)		526:5-26V	L:5V 驱动输出 5V drive output			长度可选 Optional length	4: 锁扣式 Lock buckle type
		其他			A:24V 驱动输出 24V drive output				

选型示例: LX40S-1000-24F0.5M-2G2: 拉绳编码器，分辨率 1000 脉冲，DC24V 互补输出，500mm 测量行程，2 米电缆线侧出，圆环形拉头

Model selection example: LX40S-1000-24F0.5M-2G2: Rope encoder, resolution 1000 pulses, DC24V complementary output, 500mm measurement stroke, 2-meter cable side outlet, circular pull head

接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal	线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC	红 red	VCC
黑 black	GND	黑 black	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
黄 yellow	Z 相 Z phase	黄 yellow	Z 相 Z phase
屏蔽 shield	F·G	棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
		灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
		橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
		屏蔽 shield	F·G

※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出

L 输出: 长线驱动输出

A 输出: 24V 长线驱动输出

F output: complementary output

C output: NPN collector open circuit output

L output: long line drive output

A: The power supply voltage is DC5-24V

机械参数 Mechanical parameters

测量行程 Measurement stroke	0-600mm	轮毂周长 Hub circumference	50mm
壳体材质 Shell material	进口铝合金, 表面抗静电干扰不导电 Imported aluminum alloy, surface anti-static interference, non-conductive	使用寿命 Duration	大于 200 万次 More than 2 million times
钢丝绳 Steel wire rope	0.6mm 高柔性进口涂塑钢丝绳 0.6mm high flexibility imported coated steel wire rope	出线口拉线 Stay wire at outlet	5N
线性精度 Linear accuracy	0.05%FS	重复精度 Repeated accuracy	0.01%
分辨力 Resolution	0.1, 0.05, 0.025, 0.02, 0.01, 其它	最大往返速度 Maximum round-trip speed	600mm/s

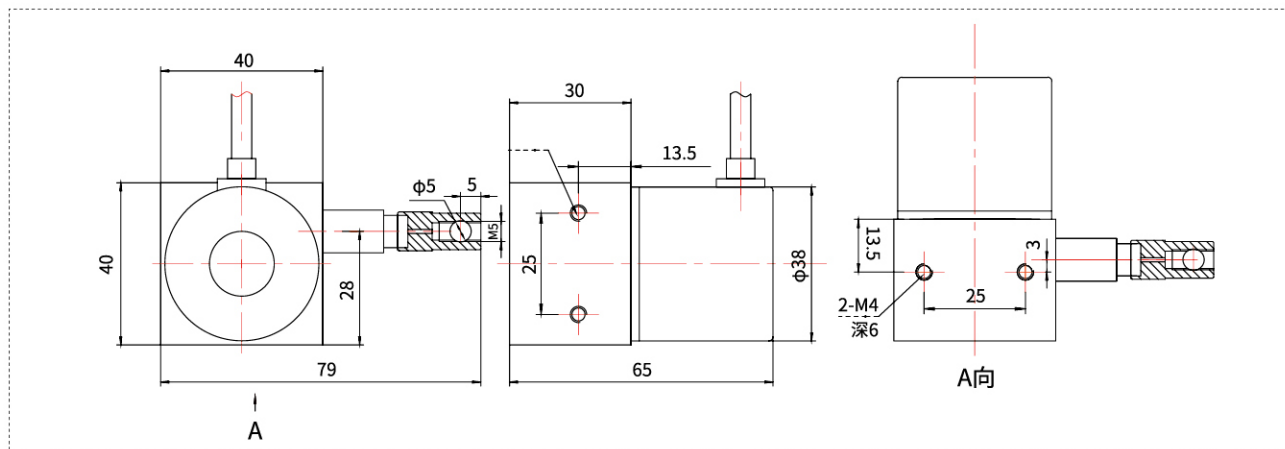
电气参数 Electrical parameters

输出信号 Output signal	NPN, 推挽, 驱动输出 push pull, drive output	工作电压 Working voltage	5V, 12V, 24V
脉冲数 Number of pulse	100-5000 脉冲 pulses	电缆长度 Cable length	2M (标配), 可定制 2M (standard configuration), customizable
保护 Protection	防错接, 带过载 anti-wrong connection, with overload	出线方向 Outlet direction	径向 (标准); 轴向 Radial (standard); axial

注意事项 Matters needing attention

1. 安装时要使拉线垂直编码器, 不能让线摩擦出线口。
 2. 拉线编码器拉线安装头和设备移动端要可靠安装, 防止长时间运行松动, 禁止自由回弹。
 3. 拉线头拉出后请不要松开, 这样会造成传感器损坏, 拉线时请勿超出线总长。
 4. 通电前, 请确认接线是否正确 (按照拉线位移编码器上的接线说明接线)。
 5. 拉线位移传感器属于精密仪器勿敲击, 保证设备和钢丝绳清洁, 延长使用寿命。
1. During installation, the cable should be perpendicular to the encoder and should not rub against the outlet.
 2. The installation head of the cable encoder and the mobile end of the equipment should be reliably installed to prevent loosening during long-term operation and prohibit free rebound.
 3. After pulling out the cable head, please do not loosen it as it may cause damage to the sensor. When pulling the cable, please do not exceed the total length of it.
 4. Before powering on, please confirm if the wiring is correct (follow the wiring instructions on the cable displacement encoder).
 5. The wire displacement sensor is a precision instrument that should not be knocked, ensuring the cleanliness of the equipment and wire rope, and extending its service duration.

机械图 (mm) Mechanical drawings(mm)





LX50S

SERIES

50 系列 拉线式编码器

50 series Wire type encoder

特点 Characteristic

- 外壳坚固耐磨，耐腐蚀
- The shell is sturdy, wear-resistant, and corrosion-resistant
- 体积小，便于安装，测量精准
- Small size, easy to install, precise measurement
- 多种输出类型
- Multiple output types

用途 Purpose

- 液压油缸行程检测，闸门开度检测，吊车提升机检测
- Hydraulic cylinder stroke detection, gate opening detection, crane hoist detection
- 自动仓储，试验机检测等等
- Automatic warehousing, testing machine detection, etc.

产品型号及意义 Product model and meaning

LX50S	-	1000	-	24	F	1M	-	2G	2
		脉冲数 (分辨率) Pulse count(resolution)		工作电压 voltage	输出形式 Output form	测量行程 Measuring stroke		电缆线长度方向 Cable length direction	拉头样式 Pulling style
		100:100BM(1)		05:5V	C: 集电极开路输出 open collector output			2G:2 米电缆线侧出 2-meter cable side outlet	1: 圆柱形 Cylindrical shape
		1000:1000BM(0.1)		12:12V	F: 互补输出 complementary output			2E:2 米电缆线后出 2-meter cable rear outlet	2: 圆环形 Circular ring shape
		2000:2000BM(0.05)		24:24V	T: 推挽输出 push pull output			电缆线 2 米标配 2-meter standard cable configuration	3: 拉链式 Zipper style
		2500:2500BM(0.04)		526:5-26V	L:5V 驱动输出 5V drive output			长度可选 Optional length	4: 锁扣式 Lock buckle type
		5000:5000BM(0.02)			A:24V 驱动输出 24V drive output				
		其他							

选型示例: LX50S-1000-24F1M-2G2: 拉绳编码器，分辨率 1000 脉冲，DC24V 互补输出，1m 测量行程，2 米电缆线侧出，圆环形拉头

Model selection example: LX50S-1000-24F1M-2G2: Rope encoder, resolution 1000 pulses, DC24V complementary output, 1m measurement stroke, 2-meter cable side outlet, circular pull head

接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal	线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC	红 red	VCC
黑 black	GND	黑 black	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
黄 yellow	Z 相 Z phase	黄 yellow	Z 相 Z phase
屏蔽 shield	F·G	棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
		灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
		橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
		屏蔽 shield	F·G

※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出

L 输出: 长线驱动输出

A 输出: 24V 长线驱动输出

F output: complementary output

C output: NPN collector open circuit output

L output: long line drive output

A: The power supply voltage is DC5-24V

机械参数 Mechanical parameters

测量行程 Measurement stroke	0-1000mm, 0-1500mm	轮毂周长 Hub circumference	100mm
壳体材质 Shell material	进口铝合金, 表面抗静电干扰不导电 Imported aluminum alloy, surface anti-static interference, non-conductive	使用寿命 Duration	大于 200 万次 More than 2 million times
钢丝绳 Steel wire rope	0.6mm 高柔性进口涂塑钢丝绳 0.6mm high flexibility imported coated steel wire rope	出线口拉线 Stay wire at outlet	5N
线性精度 Linear accuracy	0.05%FS	重复精度 Repeated accuracy	0.01%
分辨力 Resolution	0.1, 0.05, 0.04, 0.02, 其它	最大往返速度 Maximum round-trip speed	1000mm/s

电气参数 Electrical parameters

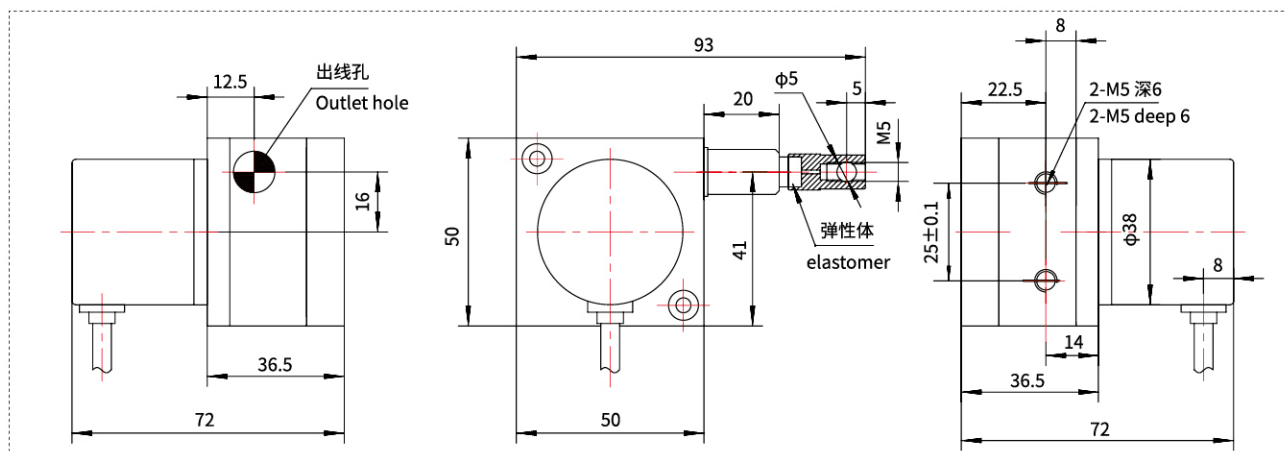
输出信号 Output signal	NPN, 推挽, 驱动输出 push pull, drive output	工作电压 Working voltage	5V, 12V, 24V
脉冲数 Number of pulse	100-5000 脉冲 pulses	电缆长度 Cable length	2M (标配), 可定制 2M (standard configuration), customizable
保护 Protection	防错接, 带过载 anti-wrong connection, with overload	出线方向 Outlet direction	径向 (标准); 轴向 Radial (standard); axial

注意事项 Matters needing attention

1. 安装时要使拉线垂直编码器, 不能让线摩擦出线口。
2. 拉线编码器拉线安装头和设备移动端要可靠安装, 防止长时间运行松动, 禁止自由回弹。
3. 拉线头拉出后请不要松开, 这样会造成传感器损坏, 拉线时请勿超出线总长。
4. 通电前, 请确认接线是否正确 (按照拉线位移编码器上的接线说明接线)。
5. 拉线位移传感器属于精密仪器勿敲击, 保证设备和钢丝绳清洁, 延长使用寿命。

1. During installation, the cable should be perpendicular to the encoder and should not rub against the outlet.
2. The installation head of the cable encoder and the mobile end of the equipment should be reliably installed to prevent loosening during long-term operation and prohibit free rebound.
3. After pulling out the cable head, please do not loosen it as it may cause damage to the sensor. When pulling the cable, please do not exceed the total length of it.
4. Before powering on, please confirm if the wiring is correct (follow the wiring instructions on the cable displacement encoder).
5. The wire displacement sensor is a precision instrument that should not be knocked, ensuring the cleanliness of the equipment and wire rope, and extending its service duration.

机械图 (mm) Mechanical drawings (mm)





LX78S

SERIES

78 系列 拉线式编码器

78 series Wire type encoder

特点 Characteristic

- 外壳坚固耐磨，耐腐蚀
- The shell is sturdy, wear-resistant, and corrosion-resistant
- 体积小，便于安装，测量精准
- Small size, easy to install, precise measurement
- 多种输出类型
- Multiple output types

用途 Purpose

- 液压油缸行程检测，闸门开度检测，吊车提升机检测
- Hydraulic cylinder stroke detection, gate opening detection, crane hoist detection
- 自动仓储，试验机检测等等
- Automatic warehousing, testing machine detection, etc.

产品型号及意义 Product model and meaning

LX78S	-	1000	-	24	F	2M	-	2G	1
		脉冲数 (分辨率) Pulse count(resolution)		工作电压 voltage	输出形式 Output form	测量行程 Measuring stroke		电缆线长度方向 Cable length direction	拉头样式 Pulling style
		1000:1000BM(0.2)		05:5V	C: 集电极开路输出 open collector output			2G:2 米电缆线侧出 2-meter cable side outlet	1: 圆柱形 Cylindrical shape
		2000:2000BM(0.1)		12:12V	F: 互补输出 complementary output			2E:2 米电缆线后出 2-meter cable rear outlet	2: 圆环形 Circular ring shape
		2500:2500BM(0.08)		24:24V	T: 推挽输出 push pull output			电缆线 2 米标配 2-meter standard cable configuration	3: 拉链式 Zipper style
		5000:5000BM(0.04)		526:5-26V	L:5V 驱动输出 5V drive output			长度可选 Optional length	4: 锁扣式 Lock buckle type
		其他			A:24V 驱动输出 24V drive output				

选型示例: LX78S-1000-24F2M-2G1: 拉绳编码器，分辨率 1000 脉冲，DC24V 互补输出，2m 测量行程，2 米电缆线侧出，圆柱形拉头

Model selection example: LX78S-1000-24F2M-2G1: Rope encoder, resolution 1000 pulses, DC24V complementary output, 2m measurement stroke, 2-meter cable side outlet, Cylindrical shape head

接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal	线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC	红 red	VCC
黑 black	GND	黑 black	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
黄 yellow	Z 相 Z phase	黄 yellow	Z 相 Z phase
屏蔽 shield	F·G	棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
		灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
		橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
		屏蔽 shield	F·G

※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出

L 输出: 长线驱动输出

A 输出: 24V 长线驱动输出

F output: complementary output

C output: NPN collector open circuit output

L output: long line drive output

A: The power supply voltage is DC5-24V

机械参数 Mechanical parameters

测量行程 Measurement stroke	0-3000mm	轮毂周长 Hub circumference	200mm
壳体材质 Shell material	进口铝合金, 表面抗静电干扰不导电 Imported aluminum alloy, surface anti-static interference, non-conductive	使用寿命 Duration	大于 200 万次 More than 2 million times
钢丝绳 Steel wire rope	0.6mm 高柔性进口涂塑钢丝绳 0.6mm high flexibility imported coated steel wire rope	出线口拉线 Stay wire at outlet	6N
线性精度 Linear accuracy	0.05%FS	重复精度 Repeated accuracy	0.01%
分辨率 Resolution	0.2, 0.1, 0.08, 0.04, 其它	最大往返速度 Maximum round-trip speed	1000mm/s

电气参数 Electrical parameters

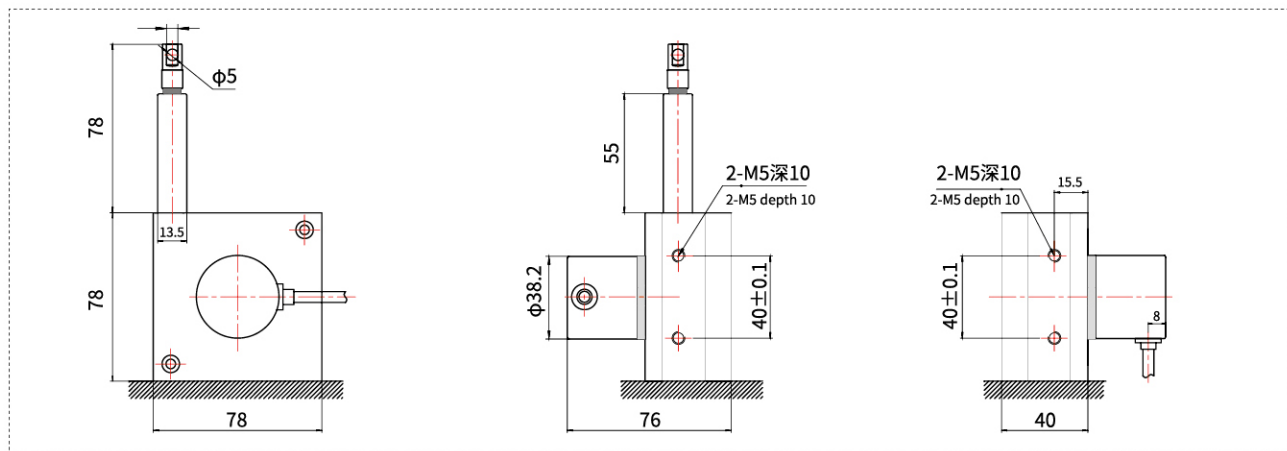
输出信号 Output signal	NPN, 推挽, 驱动输出 push pull, drive output	工作电压 Working voltage	5V, 12V, 24V
脉冲数 Number of pulse	100-5000 脉冲 pulses	电缆长度 Cable length	2M (标配), 可定制 2M (standard configuration), customizable
保护 Protection	防错接, 带过载 anti-wrong connection, with overload	出线方向 Outlet direction	径向 (标准); 轴向 Radial (standard); axial

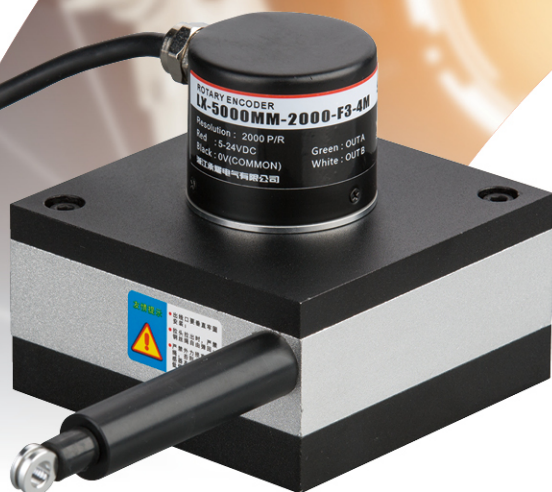
注意事项 Matters needing attention

1. 安装时要使拉线垂直编码器, 不能让线摩擦出线口。
2. 拉线编码器拉线安装头和设备移动端要可靠安装, 防止长时间运行松动, 禁止自由回弹。
3. 拉线头拉出后请不要松开, 这样会造成传感器损坏, 拉线时请勿超出线总长。
4. 通电前, 请确认接线是否正确 (按照拉线位移编码器上的接线说明接线)。
5. 拉线位移传感器属于精密仪器勿敲击, 保证设备和钢丝绳清洁, 延长使用寿命。

1. During installation, the cable should be perpendicular to the encoder and should not rub against the outlet.
2. The installation head of the cable encoder and the mobile end of the equipment should be reliably installed to prevent loosening during long-term operation and prohibit free rebound.
3. After pulling out the cable head, please do not loosen it as it may cause damage to the sensor. When pulling the cable, please do not exceed the total length of it.
4. Before powering on, please confirm if the wiring is correct (follow the wiring instructions on the cable displacement encoder).
5. The wire displacement sensor is a precision instrument that should not be knocked, ensuring the cleanliness of the equipment and wire rope, and extending its service duration.

机械图 (mm) Mechanical drawings (mm)





LX115S

SERIES

115 系列 拉线式编码器

115 series Wire type encoder

特点 Characteristic

- 外壳坚固耐磨，耐腐蚀
- The shell is sturdy, wear-resistant, and corrosion-resistant
- 体积小，便于安装，测量精准
- Small size, easy to install, precise measurement
- 多种输出类型
- Multiple output types

用途 Purpose

- 液压油缸行程检测，闸门开度检测，吊车提升机检测
- Hydraulic cylinder stroke detection, gate opening detection, crane hoist detection
- 自动仓储，试验机检测等等
- Automatic warehousing, testing machine detection, etc.

产品型号及意义 Product model and meaning

LX115S	-	1000	-	24	F	6M	-	2G	1
		脉冲数 (分辨率) Pulse count(resolution)		工作电压 voltage	输出形式 Output form	测量行程 Measuring stroke		电缆线长度方向 Cable length direction	拉头样式 Pulling style
		1000:1000BM(0.3)		05:5V	C: 集电极开路输出 open collector output			2G:2 米电缆线侧出 2-meter cable side outlet	1: 圆柱形 Cylindrical shape
		2000:2000BM(0.15)		12:12V	F: 互补输出 complementary output			2E:2 米电缆线后出 2-meter cable rear outlet	2: 圆环形 Circular ring shape
		2500:2500BM(0.12)		24:24V	T: 推挽输出 push pull output			电缆线 2 米标配 2-meter standard cable configuration	3: 拉链式 Zipper style
		5000:5000BM(0.06)		526:5-26V	L:5V 驱动输出 5V drive output			长度可选 Optional length	4: 锁扣式 Lock buckle type
		其他			A:24V 驱动输出 24V drive output				

选型示例: LX115S-1000-24F6M-2G1: 拉绳编码器，分辨率 1000 脉冲，DC24V 互补输出，6m 测量行程，2 米电缆线侧出，圆柱形拉头

Model selection example: LX115S-1000-24F6M-2G1: Rope encoder, resolution 1000 pulses, DC24V complementary output, 6m measurement stroke, 2-meter cable side outlet, Cylindrical shape head

接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal	线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC	红 red	VCC
黑 black	GND	黑 black	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
黄 yellow	Z 相 Z phase	黄 yellow	Z 相 Z phase
屏蔽 shield	F·G	棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
		灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
		橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
		屏蔽 shield	F·G

※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出

L 输出: 长线驱动输出

A 输出: 24V 长线驱动输出

F output: complementary output

C output: NPN collector open circuit output

L output: long line drive output

A: The power supply voltage is DC5-24V

机械参数 Mechanical parameters

测量行程 Measurement stroke	0-5M	轮毂周长 Hub circumference	300mm
壳体材质 Shell material	进口铝合金, 表面抗静电干扰不导电 Imported aluminum alloy, surface anti-static interference, non-conductive	使用寿命 Duration	大于 200 万次 More than 2 million times
钢丝绳 Steel wire rope	0.6mm 高柔性进口涂塑钢丝绳 0.6mm high flexibility imported coated steel wire rope	出线口拉线 Stay wire at outlet	20N
线性精度 Linear accuracy	0.05%FS	重复精度 Repeated accuracy	0.01%
分辨率 Resolution	0.3, 0.15, 0.12, 0.06, 其它	最大往返速度 Maximum round-trip speed	2000mm/s

电气参数 Electrical parameters

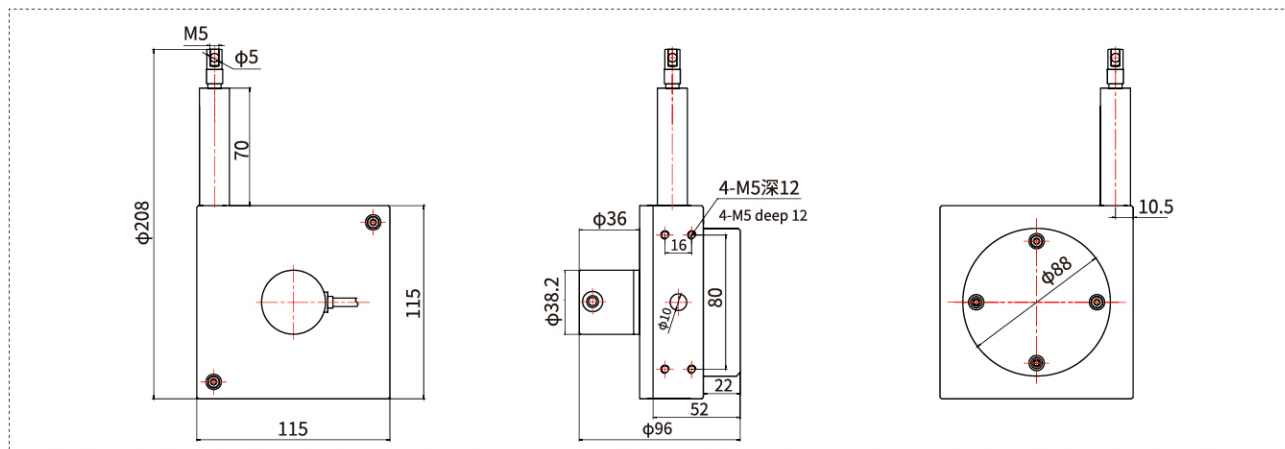
输出信号 Output signal	NPN, 推挽, 驱动输出 push pull, drive output	工作电压 Working voltage	5V, 12V, 24V
脉冲数 Number of pulse	100-5000 脉冲 pulses	电缆长度 Cable length	2M (标配), 可定制 2M (standard configuration), customizable
保护 Protection	防错接, 带过载 anti-wrong connection, with overload	出线方向 Outlet direction	径向 (标准); 轴向 Radial (standard); axial

注意事项 Matters needing attention

1. 安装时要使拉线垂直编码器, 不能让线摩擦出线口。
2. 拉线编码器拉线安装头和设备移动端要可靠安装, 防止长时间运行松动, 禁止自由回弹。
3. 拉线头拉出后请不要松开, 这样会造成传感器损坏, 拉线时请勿超出线总长。
4. 通电前, 请确认接线是否正确 (按照拉线位移编码器上的接线说明接线)。
5. 拉线位移传感器属于精密仪器勿敲击, 保证设备和钢丝绳清洁, 延长使用寿命。

1. During installation, the cable should be perpendicular to the encoder and should not rub against the outlet.
2. The installation head of the cable encoder and the mobile end of the equipment should be reliably installed to prevent loosening during long-term operation and prohibit free rebound.
3. After pulling out the cable head, please do not loosen it as it may cause damage to the sensor. When pulling the cable, please do not exceed the total length of it.
4. Before powering on, please confirm if the wiring is correct (follow the wiring instructions on the cable displacement encoder).
5. The wire displacement sensor is a precision instrument that should not be knocked, ensuring the cleanliness of the equipment and wire rope, and extending its service duration.

机械图 (mm) Mechanical drawings(mm)





LX120S

SERIES

AGV 小车 拉线式编码器

AGV Car rope encoder

特点 Characteristic

- 外壳坚固耐磨，耐腐蚀
- The shell is sturdy, wear-resistant, and corrosion-resistant
- 超长测量行程 0-10000mm(10 米)，测量精准
- Ultra-long measurement stroke of 0-10000mm (10 meters), precise measurement
- 多种输出类型
- Multiple output types

用途 Purpose

- 液压油缸行程检测，闸门开度检测，吊车提升机检测
- Hydraulic cylinder stroke detection, gate opening detection, crane hoist detection
- 自动仓储，试验机检测等等
- Automatic warehousing, testing machine detection, etc.

产品型号及意义 Product model and meaning

LX120S	-	1000	-	24	F	2M	-	2G	1
		脉冲数 (分辨率) Pulse count(resolution)		工作电压 voltage	输出形式 Output form	测量行程 Measuring stroke		电缆线长度方向 Cable length direction	拉头样式 Pulling style
		1000:1000BM(0.2)		05:5V	C: 集电极开路输出 open collector output			2G:2 米电缆线侧出 2-meter cable side outlet	1: 圆柱形 Cylindrical shape
		2000:2000BM(0.1)		12:12V	F: 互补输出 complementary output			2E:2 米电缆线后出 2-meter cable rear outlet	2: 圆环形 Circular ring shape
		2500:2500BM(0.08)		24:24V	T: 推挽输出 push pull output			电缆线 2 米标配 2-meter standard cable configuration	3: 拉链式 Zipper style
		5000:5000BM(0.04)		526:5-26V	L:5V 驱动输出 5V drive output			长度可选 Optional length	4: 锁扣式 Lock buckle type
		其他			A:24V 驱动输出 24V drive output				

选型示例 : LX120S-1000-24F10M-2G1: 小车拉绳编码器，分辨率 1000 脉冲，DC24V 互补输出，10M 测量行程，2 米电缆线侧出，圆柱形拉头。

Model selection example: LX120S-1000-24F10M-2G1: Car rope encoder, resolution 1000 pulses, DC24V complementary output, 10M measurement stroke, 2-meter cable side outlet, cylindrical pull head.

接线表 Wiring table

线色 Line color	C/F/T 输出信号 C/F/T output signal	线色 Line color	L/A 输出信号 L/A output signal
红 red	VCC	红 red	VCC
黑 black	GND	黑 black	GND
绿 green	A 相 A phase	绿 green	A 相 A phase
白 white	B 相 B phase	白 white	B 相 B phase
黄 yellow	Z 相 Z phase	黄 yellow	Z 相 Z phase
屏蔽 shield	F·G	棕 brown	$\bar{A}$ 相 $\bar{A}$ phase
		灰 gray	$\bar{B}$ 相 $\bar{B}$ phase
		橙 orange	$\bar{Z}$ 相 $\bar{Z}$ phase
		屏蔽 shield	F·G

※ 注:

F 输出: 互补输出 C 输出: NPN 集电极开路输出

L 输出: 长线驱动输出

A 输出: 24V 长线驱动输出

F output: complementary output

C output: NPN collector open circuit output

L output: long line drive output

A: The power supply voltage is DC5-24V

机械参数 Mechanical parameters

测量行程 Measurement stroke	1-10000mm	轮毂周长 Hub circumference	200mm
壳体材质 Shell material	进口铝合金, 表面抗静电干扰不导电 Imported aluminum alloy, surface anti-static interference, non-conductive	使用寿命 Duration	大于 200 万次 More than 2 million times
钢丝绳 Steel wire rope	0.6mm 高柔性进口涂塑钢丝绳 0.6mm high flexibility imported coated steel wire rope	出线口拉线 Stay wire at outlet	6N
线性精度 Linear accuracy	0.05%FS	重复精度 Repeated accuracy	0.01%
分辨力 Resolution	0.2, 0.1, 0.08, 0.04, 其它	最大往返速度 Maximum round-trip speed	2000mm/s

电气参数 Electrical parameters

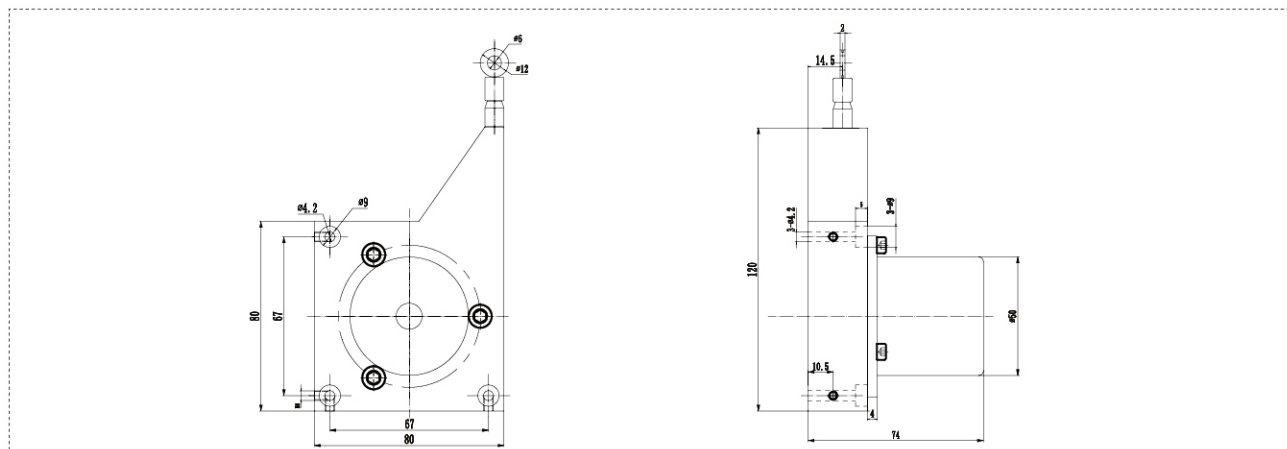
输出信号 Output signal	NPN, 推挽, 驱动输出 push pull, drive output	工作电压 Working voltage	5V, 12V, 24V
脉冲数 Number of pulse	100-5000 脉冲 pulses	电缆长度 Cable length	2M (标配), 可定制 2M (standard configuration), customizable
保护 Protection	防错接, 带过载 anti-wrong connection, with overload	出线方向 Outlet direction	径向 (标准); 轴向 Radial (standard); axial

注意事项 Matters needing attention

1. 安装时要使拉线垂直编码器, 不能让线摩擦出线口。
2. 拉线编码器拉线安装头和设备移动端要可靠安装, 防止长时间运行松动, 禁止自由回弹。
3. 拉线头拉出后请不要松开, 这样会造成传感器损坏, 拉线时请勿超出线总长。
4. 通电前, 请确认接线是否正确 (按照拉线位移编码器上的接线说明接线)。
5. 拉线位移传感器属于精密仪器勿敲击, 保证设备和钢丝绳清洁, 延长使用寿命。

1. During installation, the cable should be perpendicular to the encoder and should not rub against the outlet.
2. The installation head of the cable encoder and the mobile end of the equipment should be reliably installed to prevent loosening during long-term operation and prohibit free rebound.
3. After pulling out the cable head, please do not loosen it as it may cause damage to the sensor. When pulling the cable, please do not exceed the total length of it.
4. Before powering on, please confirm if the wiring is correct (follow the wiring instructions on the cable displacement encoder).
5. The wire displacement sensor is a precision instrument that should not be knocked, ensuring the cleanliness of the equipment and wire rope, and extending its service duration.

机械图 (mm) Mechanical drawings (mm)





ENC

SERIES

ENC 系列 米轮型编码器

EAC Wheel type rotary encoder

特点

- 轮型检测结构, 适合测量连续移动物体的长度和速度
- Wheel shaped detection structure, suitable for measuring the length and speed of continuously moving objects
- 检测距离的输出波形与国际度量衡 (米 / 英寸) 单位成正比
- The output waveform of the detection distance is proportional to the international unit of measurement (meters/inches)
- 电源电压: 5VDC=5%, 12-24DC=5%
- Power supply voltage: 5VDC=5%, 12-24DC=5%

用途 Purpose

- 起重机械, 包装机械, 航空航天, 医疗设备等领域
- Lifting machinery, packaging machinery, aerospace, medical equipment and other fields
- 主要用于木工机械, 纺织机械等
- Mainly used for woodworking machinery, textile machinery, etc.

产品型号及意义 Product model and meaning

ENC	-	1	-	1	-	N	-	24	-	2C
产品类别 Product category		输出相 Output phase		最小测量单位 Minimum measurement unit		输出形式 Output form		工作电压 voltage		电缆线长度方向 Cable length direction
ENC: 轮型 Wheel type		1: AB 两相 AB two-phase		1:1mm 2:1cm 3:1m 4:0.01yd 5:0.1yd 6:1yd		N: NPN 集电极开路输出 NPN open collector output T: 推挽输出 push pull output		5:5VDC±5% 24:12-24VDC±5%		标配 2 米线 Standard 2-meter cable C: 配线引出连接头型 C: Wiring lead out connector type

选型示例: ENC-1-1-T-24-2C: 轮型增量旋转编码器, 最小测量单位 1mm, AB 两相 24V 推挽输出, 标配 2 米引出连接头型。

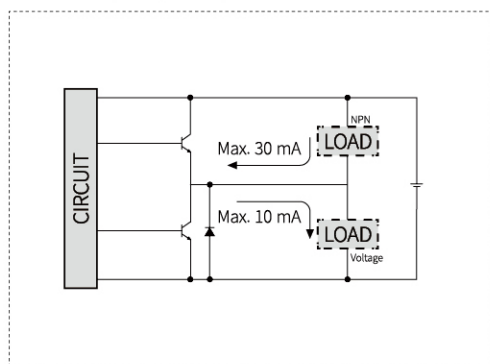
Model selection example: ENC-1-1-T-24-2C: Wheel type incremental rotary encoder, with a minimum measurement unit of 1mm, AB two-phase 24V push-pull output, standard with a 2-meter lead out connector type.

电路图 Map of circuit

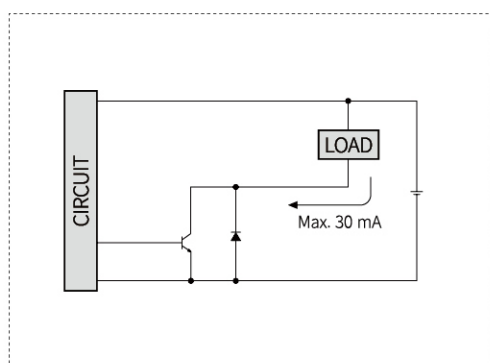
各输出相的输出电路均相同

The output circuits of each output phase are the same

推挽输出 push pull output



NPN 集电极开路输出 NPN collector open circuit output



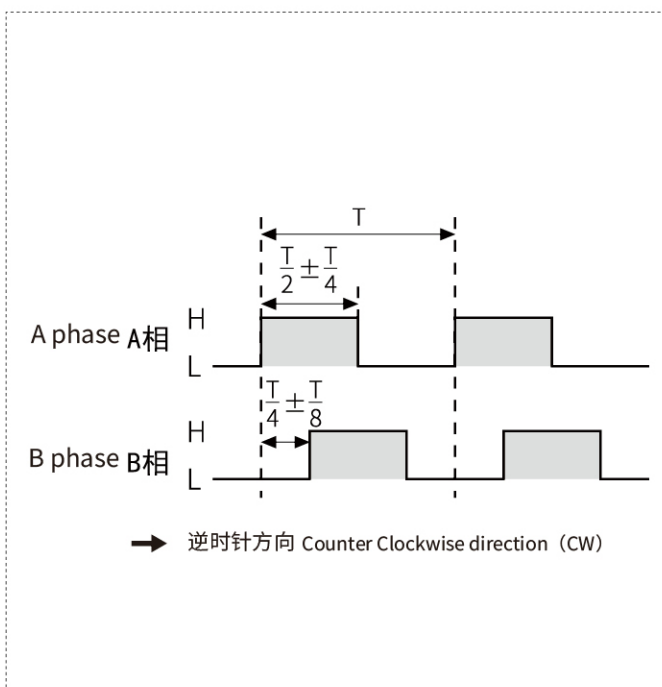
输出波形 Output waveform

- 面向轴时，向右旋转时为顺时针方向 (CW)。

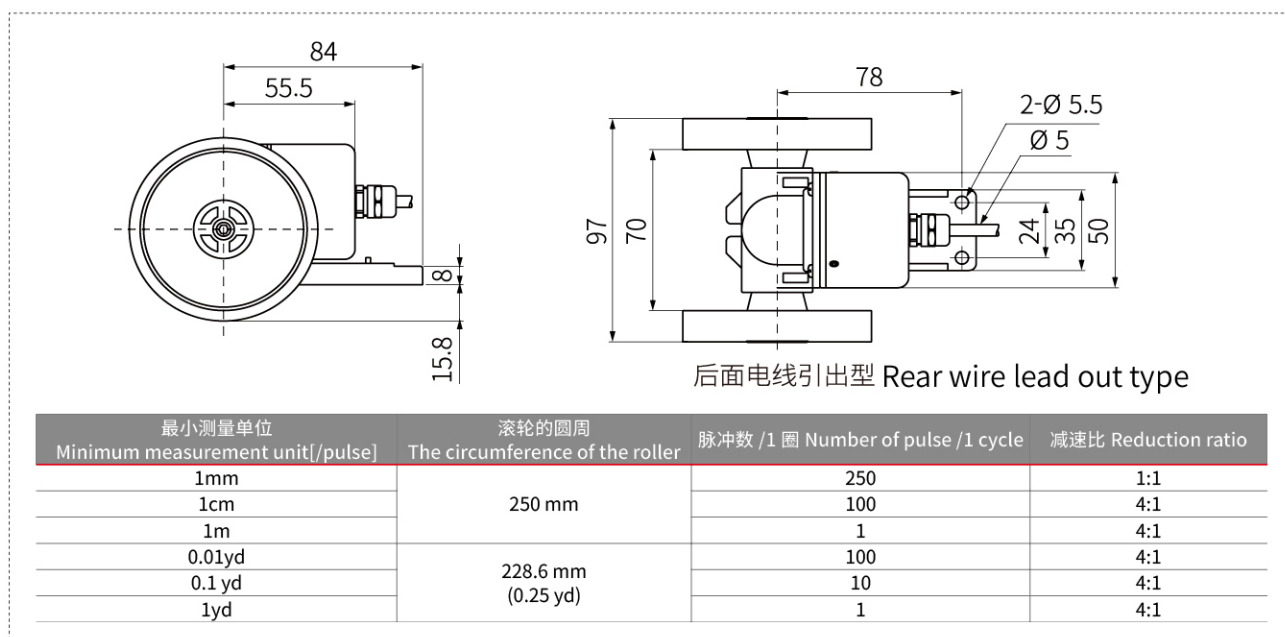
- A,B 间的相位差: $\frac{T}{4} \pm \frac{T}{8}$ (T=A 的 1 周期)

- When facing the axis, when rotating to the right, it is clockwise (CW).

- Phase difference between A and B: $\frac{T}{4} \pm \frac{T}{8}$ (T=1 cycle of A)
Rear wire lead out type



机械图 (mm) Mechanical drawings(mm)





RSM60

SERIES

60 系列 手轮编码器

60 series Handwheel encoder

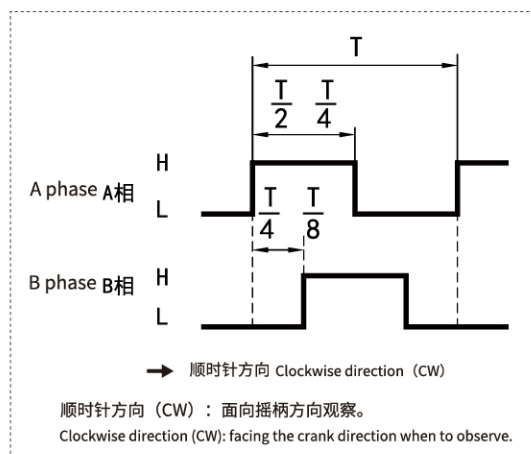
特点 Characteristic

- 通用五金上盖及五金主体，经济型，厚度 9.5mm
- Universal hardware cover and hardware body, economy type, thickness 9.5mm
- 传统动静光栅结构，简单实用
- Traditional dynamic and static grating structure, simple and practical
- 适用于数控机床的原点修复
- Origin repair suitable for CNC machine tools
- 宽电压保护电路，防错接及电流击穿
- Wide voltage protection circuit, preventing wrong connection and current breakdown
- 黑色 / 银色 2 种氧化外壳可选
- Available in black/silver 2 oxide shells

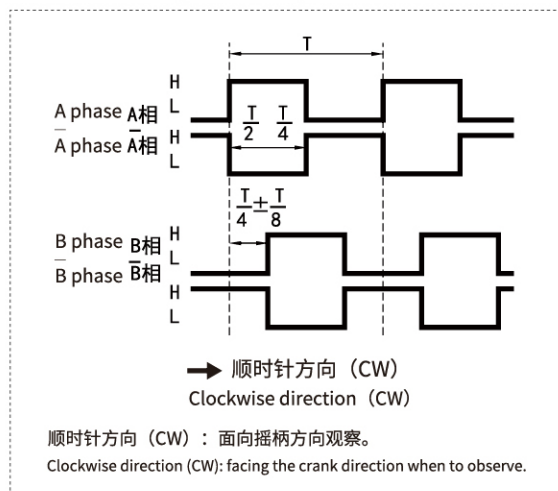
输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出

complementary output/NPN collector open circuit output



长线驱动输出 long line drive output





RSM80

SERIES

80 系列 手轮编码器

80 series Handwheel encoder

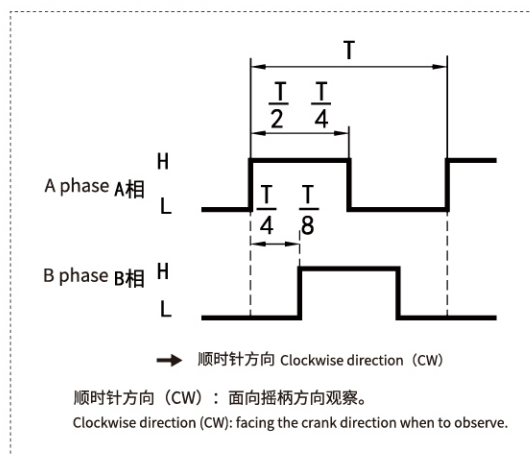
特点 Characteristic

- 通用五金上盖及五金主体，经济型，厚度 6.5mm
- Universal hardware cover and hardware body, economy type, thickness 6.5mm
- 传统动静光栅结构，简单实用
- Traditional dynamic and static grating structure, simple and practical
- 适用于数控机床的原点修复
- Origin repair suitable for CNC machine tools
- 宽电压保护电路，防错接及电流击穿
- Wide voltage protection circuit, preventing wrong connection and current breakdown
- 黑色 / 银色 2 种氧化外壳可选
- Available in black/silver 2 oxide shells

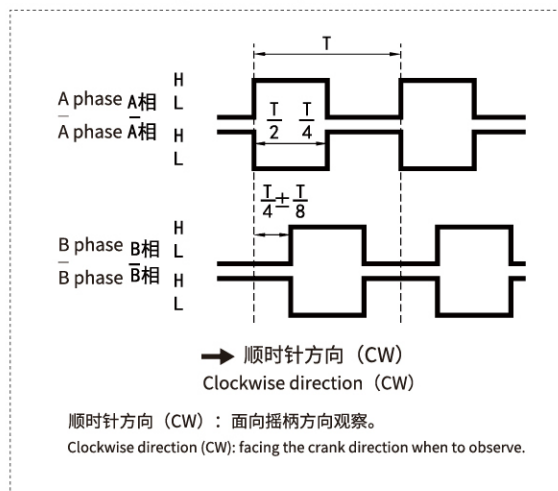
输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出

complementary output/NPN collector open circuit output



长线驱动输出 long line drive output





RST1469

SERIES

手持 1469 手持式编码器 1469 Handheld box

特点 Characteristic

- 外观经典，经济实用，性价比高
- Classic appearance, economical and practical, with high cost-effectiveness
- 点对点开关输出
- Point to point switch output
- 轴选数可按客户要求定制
- The number of shaft can be customized according to customer requirements
- 符合 RoHS 标准（外壳 / 弹簧线）
- Compliant with RoHS standards (shell/spring wire)

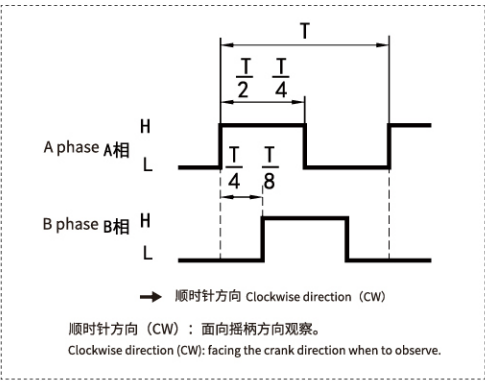
RST1469	-	100	MZ	-	5	L
外壳尺寸 shell size		分辨率 resolution	输出相 Output phase		工作电压 voltage	输出形式 Output form
134×69		25:25P/R	M:2 相输出 A、B 2-phase output A B		5:+5V	C: 集电极开路输出 open collector output
		100:100P/R	M4:4 相输出 A、B、-A、-B 4-phase output A B、-A、-B		526:+5-+26V	F: 互补输出 complementary output
						L:5V 驱动输出 5V drive output
						A:24V 驱动输出 24V drive output

选型示例 :RST1469-100MZ-5L: 手持盒 RST1469 系列，外壳尺寸 134×69，单圈分辨率 100 脉冲，3 相 A、B、Z 输出，DC5V 驱动输出

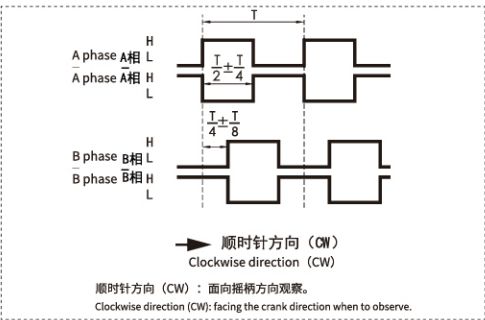
Model selection example: RST1469-100MZ-5L:Handheld box RST1469 series, shell size 134 × 69, single circle resolution 100 pulses, 3-phase A, B, Z output, DC5V drive output

输出相位差 Output phase difference

互补输出 /NPN 集电极开路输出
complementary output/NPN collector open circuit output



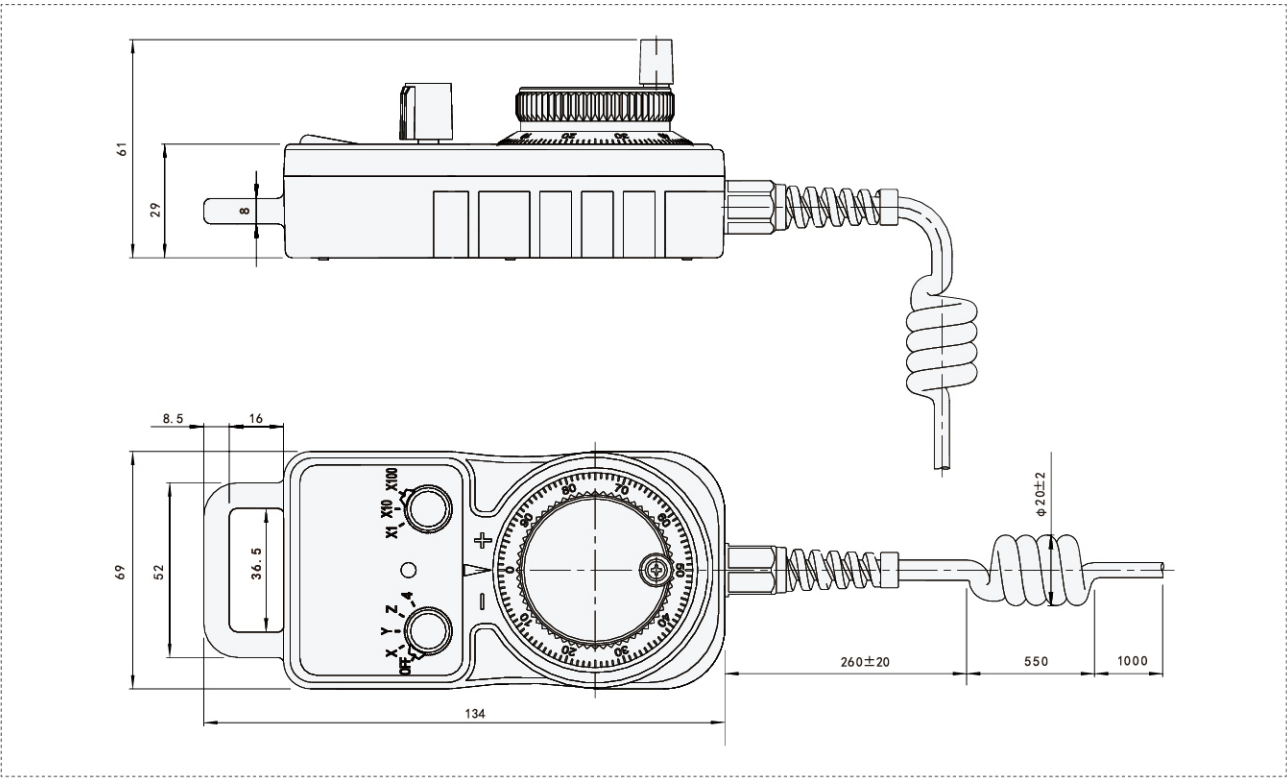
长线驱动输出 long line drive output



接线表 Wiring table

线色 Line color	信号 signal	项目 Project
红 red	Vcc	脉冲发生器 Pulse generator
黑 black	0V	
绿 green	A 相 A phase	
白 white	B 相 B phase	长线驱动输出 Long wire drive output
紫 purple	A/ 相 A/ phase	
紫 / 黑 purple/black	B/ 相 B/ phase	指示灯外供电 +24V External power supply of indicator +24V
绿 / 黑 green/black	+	
白 / 黑 white/black	-	选择坐标轴 Select coordinate axis
	OFF	
黄 yellow	X	
黄 / 黑 yellow/black	Y	
棕 brown	Z	
棕 / 黑 brown/black	4	
粉 pink	5	选择放大倍数 Select magnification factor
粉 / 黑 pink/black	6	
灰 gray	×1	
灰 / 黑 gray/black	×10	公共端 Common end
橙 orange	×100	
橙 / 黑 orange/black	COM	
红 / 黑 red/black	备用	

机械图 (mm) Mechanical drawings(mm)





▲ **RST 1478**
手持式编码器
Handheld encoder



▲ **CY-003**
手持式编码器
Handheld encoder



▲ **CY-004**
手持式编码器
Handheld encoder



▲ **RST 1474**
手持式编码器
Handheld encoder



▲ **RST1260-1**
手持式编码器
Handheld encoder



▲ **RST1260-2**
手持式编码器
Handheld encoder



▲ **RST 1468**
手持式编码器
Handheld encoder



▲ **东测款**
手持式编码器
Handheld encoder



01

SERIES

01 系列 硅胶轮 (机加胶轮)

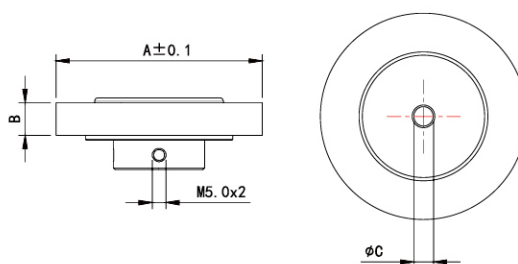
01 series Silicone wheel
(machine added rubber wheel)

产品型号及意义 Product model and significance

O1	200	-	06	(10)	U
硅胶轮 Silicone wheel	周长 (外径) Circumference (outer diameter)(mm)		内孔径 Inner aperture	硅胶厚度 Silicone thickness	轮子形状 Wheel form
	100(φ31.8)	188.5(φ60)			
	150(φ47.8)	213.7(φ68)			
	200(φ63.7)	220(φ70)			
	250(φ79.5)	251.3(φ80)			
	300(φ95.5)	282.8(φ90)			
	94.2(φ30)	314.2(φ100)			
	125.7(φ40)	408(φ130)			
	157(φ50)	可定制			
			06:6mm 08:8mm 10:10mm 可定制	(10):10mm (15):15mm (20):20mm	空白: 常规 Blank: General U: U 型轮 U: U-shaped wheel V: V 型轮 V: V-shaped wheel

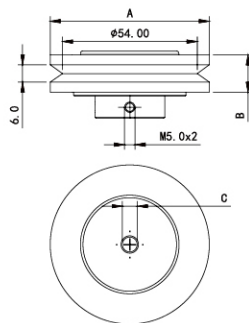
注: 只有 15mm 和 20mm 厚度可做 U 型轮和 V 型轮。
Only 15mm and 20mm thickness can be used for U-shaped and V-shaped wheels.

机械图 (mm) Mechanical drawings(mm)



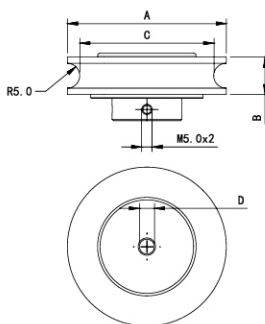
序号 No.	A 尺寸 (轮子外径) A size(Outer diameter of wheel)	B 尺寸 (轮子厚度) B size (wheel thickness)	C 尺寸 (轮子内孔尺寸) C size (wheel inner hole size)
1	周长 perimeter 200mm	15mm	6.0/8.0/10.0mm
2	可定制 Customizable		

硅胶轮 (机加胶轮) Silicone wheel (machine added rubber wheel)



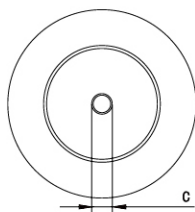
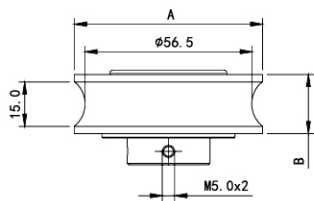
序号 No.	A 尺寸 (轮子外径) A size(Outer diameter of wheel)	B 尺寸 (轮子厚度) B size (wheel thickness)	C 尺寸 (轮子内孔尺寸) C size (wheel inner hole size)
1	φ67.5mm	15mm	6.0/8.0/10.0mm
2	可定制 Customizable		

V 形胶轮 V-shaped rubber wheel



序号 No.	A 尺寸 (轮 子外径) A size(Outer diameter of wheel)	B 尺寸 (轮 子厚度) B size (wheel thickness)	C 尺寸 (内最小内 径)C size (minimum inner diameter)	D 尺寸 (轮子内孔尺寸) D size (wheel inner hole size)
1	周长 perimeter 200mm	15mm	φ54mm	6.0/8.0/10.0mm
2	φ67.5mm	15mm	φ60mm	6.0/8.0/10.0mm
3	可定制 Customizable			

U 形胶轮厚 15mm U-shaped rubber wheel with a thickness of 15mm



序号 No.	A 尺寸 (轮子外径) A size(Outer diameter of wheel)	B 尺寸 (轮子厚度) B size (wheel thickness)	C 尺寸 (轮子内孔尺寸) C size (wheel inner hole size)
1	周长 perimeter 200mm	20mm	6.0/8.0/10.0mm
2	φ67.5mm	20mm	6.0/8.0/10.0mm
3	可定制 Customizable		

U 形胶轮厚 20mm U-shaped rubber wheel with a thickness of 20mm



O2

SERIES

O2 系列 压铸轮

O2 series Die-casting rubber wheel

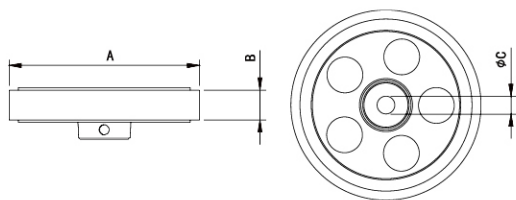
产品型号及意义 Product model and significance

O2	200	-	06	(10)
压铸轮 Die-casting rubber wheel	周长 Circumference		内孔径 Inner aperture	轮子厚度 Wheel form
	200mm 250mm 300mm		06:6mm 08:8mm 10:10mm	(10):10mm (13):13mm

注:10mm 厚度为 200 周长轮子; 13mm 厚度为 300 周长轮子

10mm thick wheels with a circumference of 200; 13mm thick wheels with a circumference of 300

机械图 (mm) Mechanical drawings(mm)



序号 No.	A 尺寸 (轮子外径) A size(Outer diameter of wheel)	B 尺寸 (轮子厚度) B size (wheel thickness)	C 尺寸 (轮子内孔尺寸) C size (wheel inner hole size)
1	周长 perimeter 200mm	10mm	6.0/8.0mm
2	周长 perimeter 250mm	10mm	6.0/8.0mm
3	周长 perimeter 300mm	13mm	6.0/8.0mm

压铸胶轮 Die-casting rubber wheel



O3

SERIES

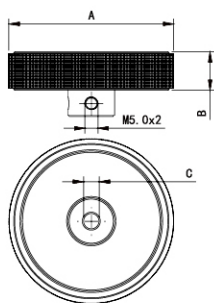
O3 系列 金属轮

O3 series metal wheels

产品型号及意义 Product model and significance

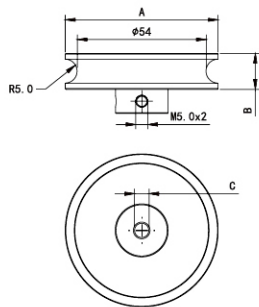
O3	200	-	06	(15)	U
金属轮 metal wheels	周长 Circumference		内孔径 Inner aperture	轮子厚度 Wheel thickness	轮子形状 Wheel form
	200mm		06:6mm 08:8mm 10:10mm 可定制	(15):15mm	空白 : 常规滚花 Blank: Regular knurling U: U 型轮 U: U-shaped wheel V: V 型轮 V: V-shaped wheel H: H 型轮 H: H-shaped wheel

机械图 (mm) Mechanical drawings(mm)



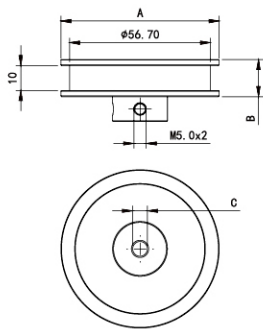
序号 No.	A 尺寸 (轮子外径) A size(Outer diameter of wheel)	B 尺寸 (轮子厚度) B size (wheel thickness)	C 尺寸 (轮子内孔尺寸) C size (wheel inner hole size)
1	周长 perimeter 200mm	15mm	6.0/8.0/10.0mm
2	可定制 Customizable		

金属滚花轮 Metal knurling



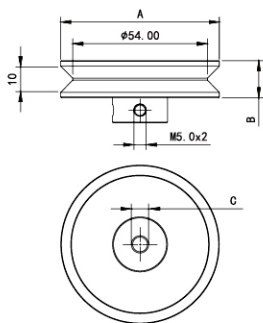
序号 No.	A 尺寸 (轮子外径) A size(Outer diameter of wheel)	B 尺寸 (轮子厚度) B size (wheel thickness)	C 尺寸 (轮子内孔尺寸) C size (wheel inner hole size)
1	周长 perimeter 200mm	15mm	6. 0/8.0/10. 0mm
2	可定制 Customizable		

U 形金属轮 Metal knurling



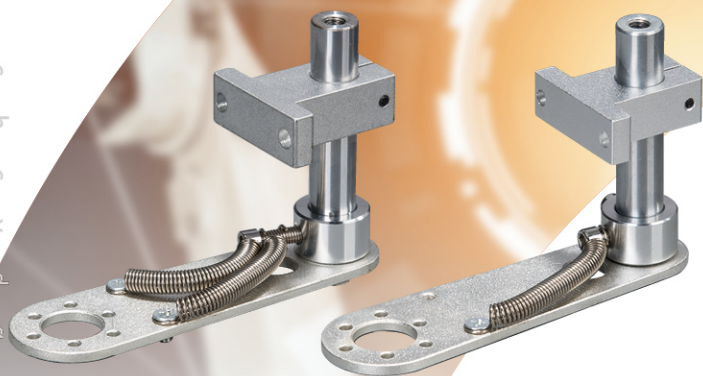
序号 No.	A 尺寸 (轮子外径) A size(Outer diameter of wheel)	B 尺寸 (轮子厚度) B size (wheel thickness)	C 尺寸 (轮子内孔尺寸) C size (wheel inner hole size)
1	周长 perimeter 200mm	15mm	6. 0/8.0/10. 0mm
2	可定制 Customizable		

H 形金属轮 Metal knurling



序号 No.	A 尺寸 (轮子外径) A size(Outer diameter of wheel)	B 尺寸 (轮子厚度) B size (wheel thickness)	C 尺寸 (轮子内孔尺寸) C size (wheel inner hole size)
1	周长 perimeter 200mm	15mm	6. 0/8.0/10. 0mm
2	可定制 Customizable		

V 形金属轮 Metal knurling



XT

SERIES

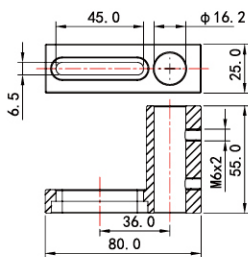
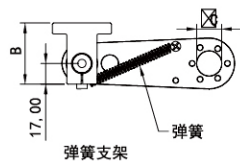
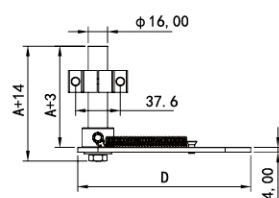
XT 系列 弹簧支架

XT series spring bracket

产品型号及意义 Product model and significance

XT	20	-	80	G50	B
弹簧支架 Spring bracket	止口尺寸 Rabbit		金属杆长 Metal rod length	安装座高 Height of installation seat	弹簧数 Number of spring
	20:20mm 30:30mm 36:36mm		80mm 120mm 160mm 200mm 400mm 可定制	G46: 44mm G50: 50mm	空白: 单根弹簧 Blank: single spring B: 双弹簧 B: dual-spring

机械图 (mm) Mechanical drawings(mm)



L型固定座

序号 No.	A 尺寸 (杆长) Size A (rod length)	B 尺寸 (支撑座高度) B size (support seat height)	C 尺寸 (编码器止口尺寸) C size (encoder stop size)	D 尺寸 (支撑板长度) D size (length of support plate)	备注
1	80mm	46mm	20.5mm	142mm	1. 止口 20 支架可选用亮光支撑板和亮光 G50 固定座; 所有型号可选用 T 型和 L 型固定座。 1. The 20 brackets on the rabbit can be equipped with a bright support plate and a bright G50 fixing seat; all models can choose T-shaped and L-shaped fixed seats.
2	80mm	50mm	20.5mm	142mm	
3	80mm	50mm	20.5mm/ 30.5mm/ 36.5mm	142mm	
4	120mm	50mm	20.5mm/ 30.5mm/ 36.5mm	142mm	
5	160mm	50mm	20.5mm/ 30.5mm/ 36.5mm	142mm	
6	200mm	50mm	20.5mm/ 30.5mm/ 36.5mm	142mm	
7	400mm	L 型 55mmx80mm	20.5mm/ 30.5mm	280mm	
8	600mm	L 型 55mmx80mm	20.5mm/ 30.5mm	280mm	

注:

1. 止口 20mm 时, 弹簧单双可选, 止口 30mm 和止口 36mm 时为双弹簧。
2. 表格中有多个数据时, 可选择其中一个。

1. When the rabbit is 20mm, single and double springs are optional, and when the rabbit is 30mm and 36mm, double springs.
2. When there are multiple data in the table, one can be selected.



CY

SERIES

CY7 系列 高频计数器

CY7 series high-frequency counter

特点 Characteristic

- 计数速度最高可达 10KCPS
 - 系数 0.00001~9.99999 任意设定
 - 通用输入, 可外接 NPN 或 PNP 型传感器输入
 - 最多可选二路计数 / 计长报警输出
 - 可用于轻工、机械、包装、食品等
- The counting speed can reach up to 10KCPS
 - Coefficient 0.00001~9.99999 can be set at will
 - Universal input, can be externally connected to NPN or PNP type sensor inputs
 - Up to two optional counting/length alarm outputs
 - Applicable for light industry, machinery, packaging, food, etc.

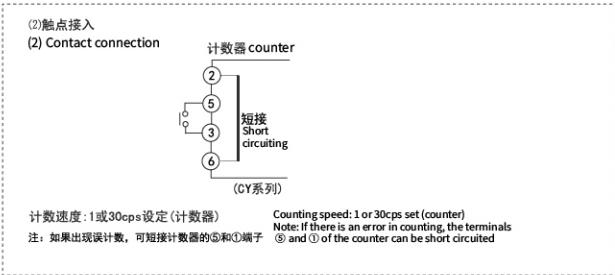
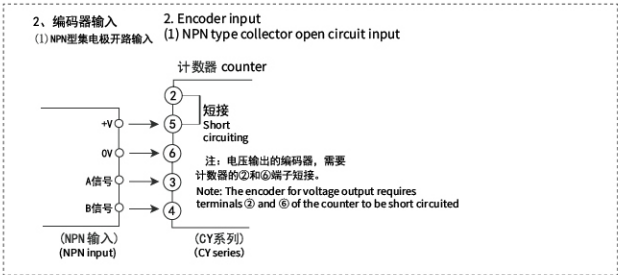
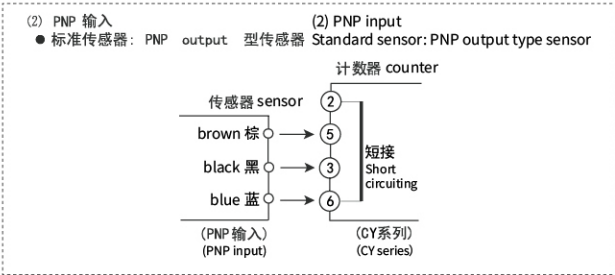
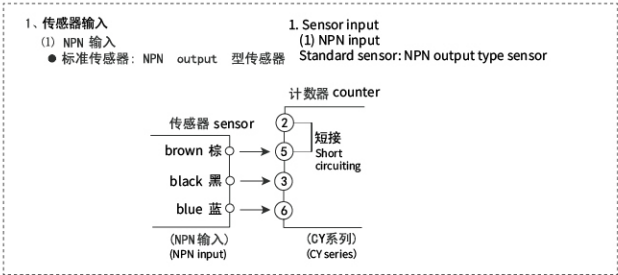
主要技术参数 Main technical parameters

系列 Series	CY
显示 Display	双排六位 Double row six digits
电源 Power supply	AC/DC100~240V50/60Hz 或 DC24V
允许电压的波动范围 Allowed range of voltage fluctuation	额定电压的 90~110%(AC 电源) of the rated voltage (AC power supply)
INA, INB 的输入频率 Input frequency of INA, INB	1Hz、30Hz、300Hz、1KHz、5KHz、10KHz 可选
输入脉宽 Input pulse width	RESET, 可选择 1ms 或 20ms 可选择 1ms 或 20ms RESET, 1ms or 20ms can be selected
输入 Input	电压输入: 输入阻抗为 5.4KΩ, "H" 为 DC5-30V "L" 为 DC0-2V 无电压输入: 短路阻抗为最大 1KΩ, 残留电压: 最大 DC2V 开路阻抗: 最大 100K Voltage input: Input impedance is 5.4KΩ, "H" is DC5-30V, and "L" is DC0-2V No voltage input: short-circuit impedance up to 1KΩ, residual voltage: up to DC2V, open circuit impedance: up to 100K
时间输出延时 Time output delay	0.1~999.9s
接点容量 Contact capacity	NO:AC250V3A 负载 load NC:AC250V2A 负载 load
记忆保持 Memory retention	>10 年 years
外部传感器电源 Power supply of external sensor	DC12V±10%100mA 以下
使用温度 Temperature at use	-10°C ~50°C (未结冰状态)
保存温度 Saved temperature	-25°C ~65°C (未结冰状态)
环境湿度 Environmental humidity	35~85%RH

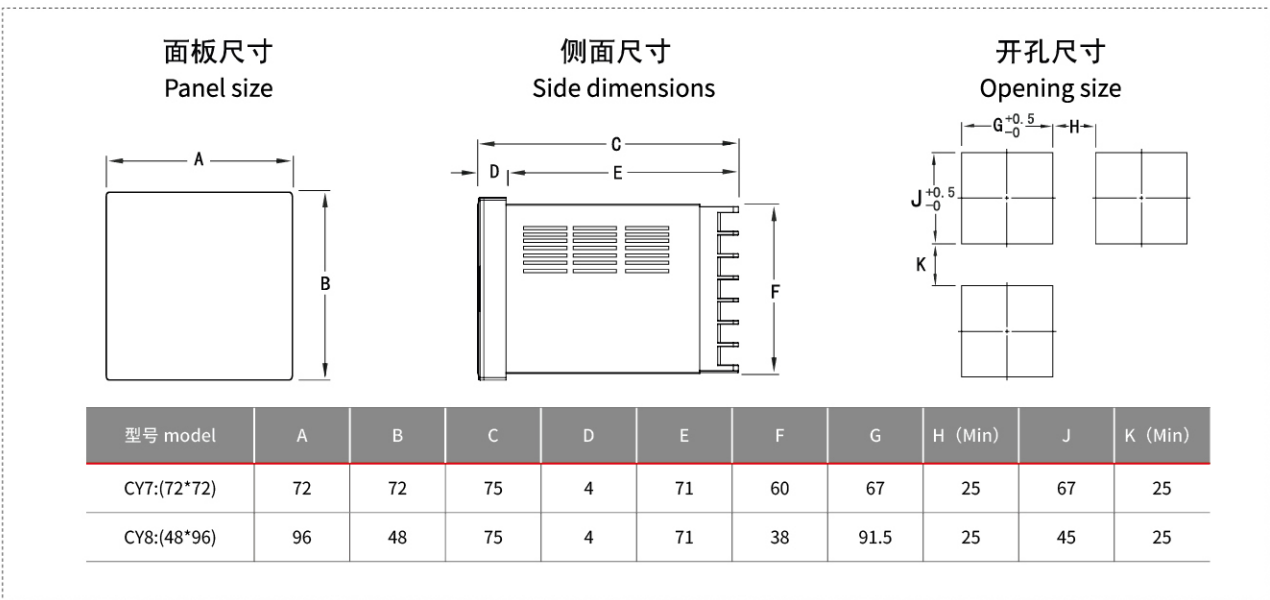
产品型号及意义 Product model and significance

CY	□	-	6	□	-	2	R	-485
CY 系列高频计数器 CY7 series high-frequency counter	外型尺寸 (mm) External size(mm)		显示位数 Number of displayed digit	电源 Apower supply		报警输出 Alarming output	控制输出 Controlling output	通讯接口 Communication interface
	8:48H×96W×97.5L 7:72H×72W×97.5L		6:6 位显示 6 digit display	A2:AC/DC 100-240V D2:DC 24V 供电		2:2 路 1:1 路	R: 继电器输出 Relay output	485: 带 485 通讯接口 with 485 communication interface

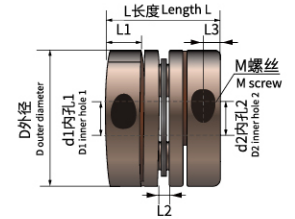
输入连接 Input Connection



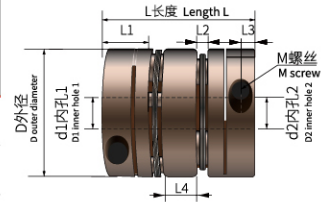
机械图 (mm) Mechanical drawings(mm)



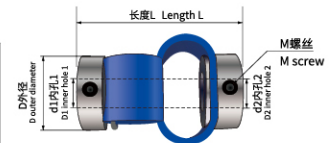
膜片型联轴器 Diaphragm type coupling	型号 Model	D (mm)	L (mm)	d1- d2 最小孔径 Min. aperture 最大孔径 Max. aperture		安装螺丝 Installation screw	L1 (mm)	L2 (mm)	L3 (mm)	螺丝紧固扭矩 Screw tightening torque (N.m)
	XR2-D20L20-(3 至 8)	20	20	3	8	M3	9	2	4	2.1
	XR2-D26L26-(4 至 12)	26	26	4	12	M3	11.8	2.4	4.1	2.1
	XR2-D32L28-(5 至 16)	32	28	5	16	M3	12.4	3.2	4	2.1



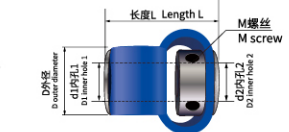
双膜片型联轴器 Double diaphragm coupling	型号 Model	D (mm)	L (mm)	d1- d2 最小孔径 Min. aperture 最大孔径 Max. aperture		安装螺丝 Installation screw	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	螺丝紧固扭矩 Screw tightening torque (N.m)
	XR3-D20L28-(3 至 8)	20	28	3	8	M3	9	2	4	6	2.1
	XR3-D26L35-(4 至 12)	26	35	4	12	M3	11.8	2.4	4.1	6.6	2.1
	XR3-D32L41-(5 至 16)	32	41	5	16	M3	12.4	3.2	4	9.8	2.1



8 字型联轴器 8-shaped coupling	型号 Model	D (mm)	L (mm)	d1- d2 最小孔径 Min. aperture 最大孔径 Max. aperture		安装螺丝 Installation screw	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	螺丝紧固扭矩 Screw tightening torque (N.m)
	XR8-D27L30 反压 -(4 至 11)	20	30	4	11	M4	9.3	6	28	32	2.5
	XR8-D27L40-(4 至 11)	20	40	4	11	M4	9.3	4	28	32	2.5

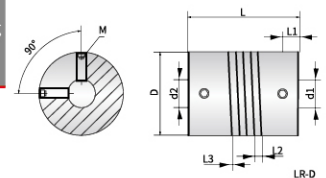


正压 positive pressure



反压 Backpressure

金属联轴器 Metal coupling	型号 Model	D (mm)	L (mm)	d1- d2 最小孔径 Min. aperture 最大孔径 Max. aperture		安装螺丝 Installation screw	L1 (mm)	L2 (mm)	L3 (mm)	螺丝紧固扭矩 Screw tightening torque (N.m)
	XR-D19L25-(4 至 8)	19	25	4	8	M3	4	2	0.4	1.1



塑料联轴器 Plastic coupling	型号 Model	D (mm)	L (mm)	d1- d2 最小孔径 Min. aperture 最大孔径 Max. aperture		安装螺丝 Installation screw	L1 (mm)	L2 (mm)	L3 (mm)	螺丝紧固扭矩 Screw tightening torque (N.m)
	XR1-D15L22-(6×6)	15	22	6	6	M3	1.3	1.8	0.9	2.1

