FFUBA 电磁式增量译码器 译 码 器

特点

- 高可靠度
- 高抗干扰力
- 广泛工作电压范围
- 低耗电高效能
- 适用于恶劣环境不怕粉尘



规格

产品型号：EN - MES - 2500 D - 8Ø - M12
（* 1 2 3 4 5）

*	EN=译码器		
1	Product(产品代号)： 「MEN」=30Ø Magnetic Absolute Encoder 「MES」=40Ø Magnetic Absolute Encoder 「MET」=50Ø Magnetic Absolute Encoder 「MHS」=中空型		
2	Resolution(解析度)：5PPR~2500PPR 1.Pulse per Revolution(PPR):5/10/20/30/40/50/60/100/120/150/180/200/250/300/360/400/500/512/600/720/800/1000/1024/1200/1500/1800/2000/2048/2500 2.It is accepted to manufacture for special resolution.可接受订制非规格的解析度		
3	Output code(输出码) 「Non」= NPN + PNP (Push-Pull) 「D」= Line driver		
4	Shaft diameter(转轴外径)： 「Non」=6.0mm ； 「8ø」=8.0mm	5	空白：直接出线 「T」=「Phase T」output appended 「PG」=M12 lead wire 「M12」=M12 connection (MET only)

电路规格

输出方式	Push-Pull	Line driver
工作电压	5~30VDC	5VDC±10%
输出码	NPN+PNP	Line driver IC
响应频率	30K Hz min..	
耗电流	40 mA max.	
电源涟波	10% peak to peak	
输出电流	100mA max.	20mA max.
保护回路	Short circuit& polarity reversed	polarity reversed
输出压降	0.6V max.	
残余电压	0.1V max.	
泄漏电流	0.1mA max.	
抗干扰	2kv /1μs	
电介强度	2.5kv / 1 minute min.	
绝缘强度	100 MΩ / 500vdc	
安规	CE / RoHS	

Push-Pull (推拉式)

Connector No.	Color	Description
# 1	Brown	+ V (1)
# 3	Blue	0 V (3)
# 4	Black	Phase A (4)
# 2	White	Phase B (2)
# 5	Yellow	Phase Z (5)
# 6	Grey	Phase T (6)

Line driver (差动式)

Color	Description	Color	Description
Brown	+ V (1)	Blue	0 V (3)
Black	Phase A(4)	Blue/Red	Phase A (9)
White	Phase B(2)	White/Red	Phase B (10)
Yellow	Phase Z(5)	Yellow/Red	Phase Z (11)

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机械规格

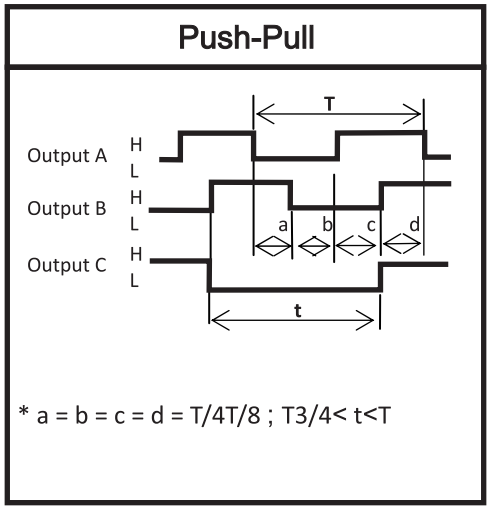
规格	Data
启动力矩	0.098 kg-m
惯性力矩	1X10 -6 kg-m 2
转轴负载	Radial < 300 kg ; Axial <200kg
最大转速	6000 RPM
外壳材质	Intensive PPS
转轴材质	SUS-316

环境规格

规格	Data
工作环境	-25°C ~+70°C ; 85%RH max.
抗振动	10 ~ 55 Hz / 1.5mm ; 2 Hr/ X.Y.Z direction each
抗冲击	490m/s2 with 11ms in X.Y.Z direction 3times each
保护等级	IP-64

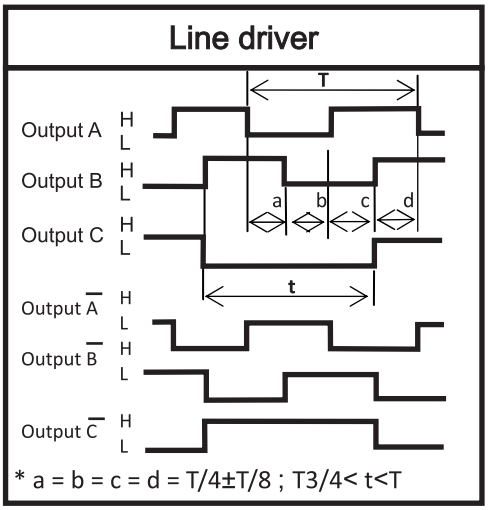
输入回路

Push-Pull



* a = b = c = d = T/4T/8 ; T3/4< t<T

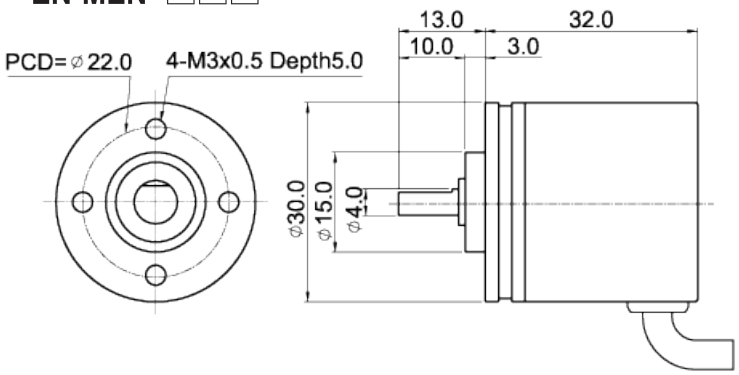
Line driver



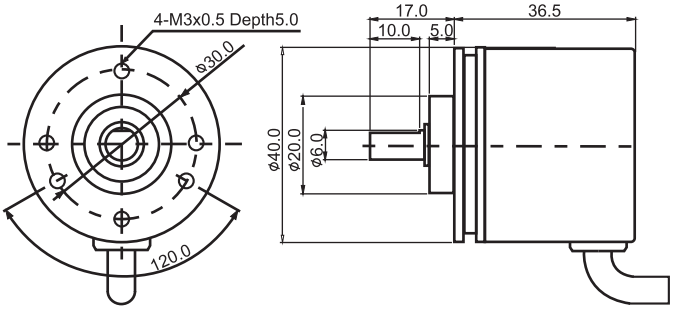
* a = b = c = d = T/4±T/8 ; T3/4< t<T

尺寸图

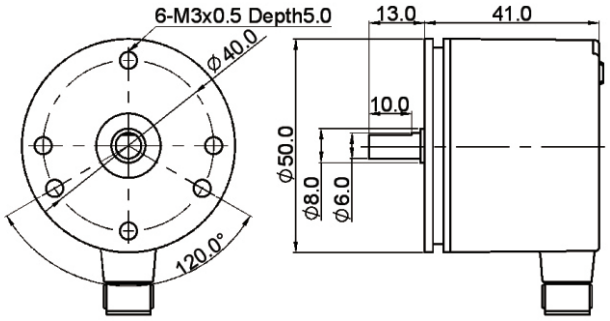
EN-MEN-□□□



EN-MES-□□□



EN-MET-□□□



EN-MHS-□□□

