

Incremental Shaft Encoder

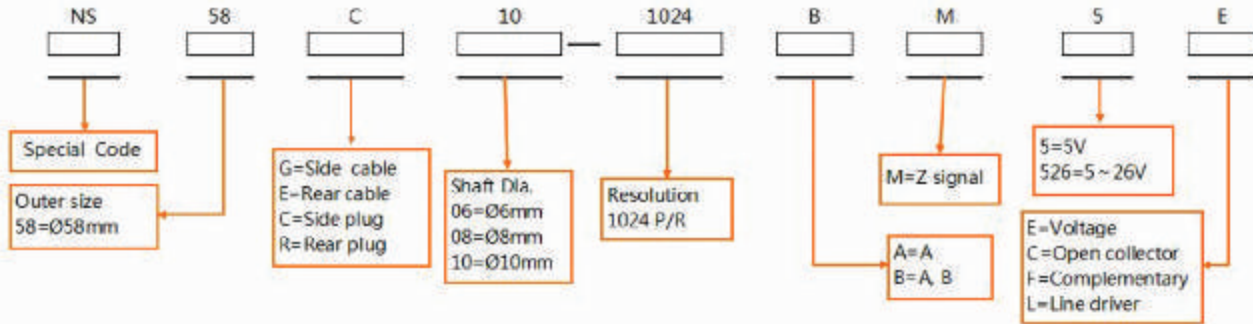


Features:

1. ASIC devices internal, good reliability, long life, anti-jamming.
2. Applicability to a wide variety of mechanical and industrial control



Explanation of Model:



Electrical Specifications:

Supply Voltage	5~26V	Current Consumption	≤80mA
Output high	≥Vcc * 70%	Output low	≤0.4V
Rise time	≤1μS	Fall time	≤1μS
Frequency response	≤300kHz	Resolution	Customized

Mechanical Specifications:

Max speed	6000r/min	Starting torque	<0.05Nm
Shaft load	(Radial) 20N, (A) 10N	Rotating inertia	4X10 ⁻⁸ kgm ²
Shock resistance	50G/11ms	Vibration resistance	10G 10-2000Hz
Work temperature	-30~85°C	Storage temperature	-35~95°C
Protection	IP54	Cable Length	1m or customized

Connection table

Signal	A	B	Z	\bar{A}	\bar{B}	\bar{Z}	Vcc	GND	Shield
Color	Green	White	Yellow	Brown	Gray	Orange	Red	Black	FG
7PIN plug	3	5	2	—	—	—	1	4	6
9PIN plug	5	3	2	7	6	8	1	4	9

Dimension (mm)

