

Absolute Rotary Encoder

E6C2-A

Use the Tough E6C2-A (IP64 Enclosure Rating) Combined with a PLC or Cam Positioner for Optimum Control and Ease-of-Use

- Drip-proof, construction meets IP64F standards
- 8 mm-dia. stainless steel shaft is twice as strong as conventional shafts
- Reliable bearing and metal slit plate ensure shock resistance of 1000 m/s²
- Use the Tough E6C2-A (Rated IP64 for Degree of Protection) Combined with a PLC or Cam Positioner for Optimum Control and Ease-of-Use



Ordering Information

Sensors

Power supply voltage	Output form	Output code	Resolution (pulse/rotation)	Connection method	Model
12 to 24VDC	NPN open collector output	Gray code	256 256, 360, 720, 1,024	Connector type Pre-wired type	E6C2-AG5C-C
		Binary	32, 40		E6C2-AG5C
		BCD	6, 8, 12		E6C2-AN5C
	PNP open collector output	Gray code	256, 360, 720, 1,024		E6C2-AB5C
		Binary	32, 40		E6C2-AG5B
		BCD	6, 8, 12		E6C2-AN5B
5 VDC	Voltage output	Binary	256	E6C2-AB5B	
12 VDC				E6C2-AN1E	
					E6C2-AN2E

Note: 1. When ordering, add the resolution (pulses per revolution) after the part number. For example, E6C2-AG5C 360P/R.

2. The H8PS can be connected to the E6C2-AG5C-C but not to the E6C2-AG5C.

Accessories (Order Separately)

Item	Model	Remarks
Coupling	E69-C08B	---
	E69-C68B	Different end diameter
Flanges	E69-FCA03	---
	E69-FCA04	Mounting Bracket
Mounting Bracket	E69-2	Provided with the E69-FCA04 Flange.
Extension Cable	E69-DF5	5 m *

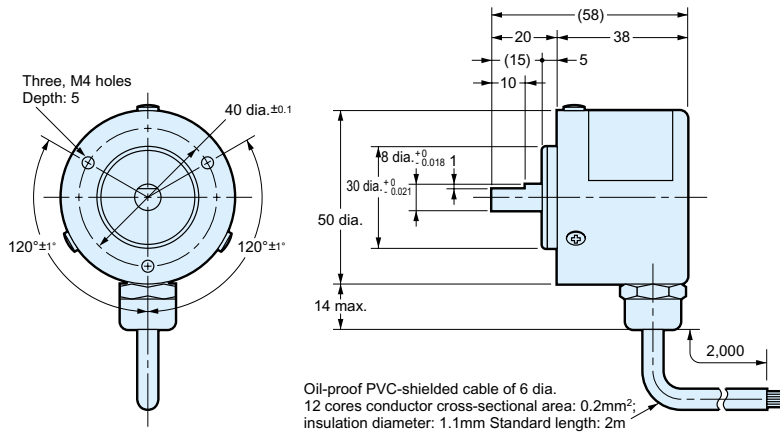
* Standard stock model: 10 m, 20 m, addition to 15 m, 98 m are available

Dimensions (Unit: mm)

Sensors

E6C2-A□5□
E6C2-AN□E

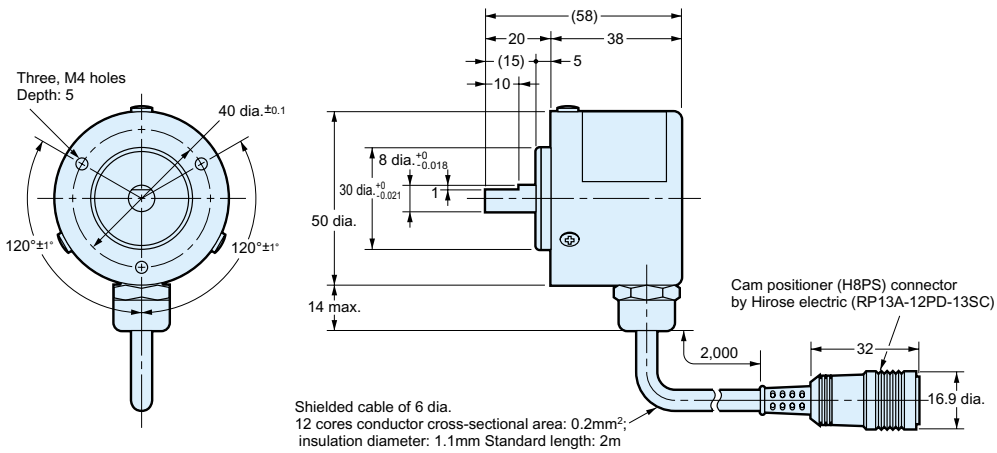
CAD file E6C2_01



Note: E69-C08B is sold separately.

E6C2-AG5C-C

CAD file E6C2_02



Note: E69-C08B is sold separately.

Accessories (Order Separately)

Coupling

E69-C08B
E69-068B

Flanges

E69-FCA03
E69-FCA04

Mounting Bracket

E69-2