

The OMRON logo is displayed in a bold, blue, sans-serif font. The letters are thick and closely spaced, with a consistent height and width throughout the word.


Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

Absolute Rotary Encoder

E6F-A

Rugged construction providing high-precision timing detection for automatic machines operation

- Stronger shaft and higher durability (120 N in radial direction and 50 N in thrust direction) than previous E6F Encoders.
- Drip-proof construction meets IP64F standards
- High resolution models (1024 pulses max. per revolution)
- Faster response for high-speed control applications (grey code: 20 kHz).
- Shock resistance strengthened by metal disk. 



Ordering Information

Sensors

Supply voltage	Output form	Output code	Resolution (pulses/revolution)	Connection method	Model	
12 to 24 VDC	NPN open collector	BCD	360	Pre-wired	E6F-AB5C	
				Connector type	E6F-AB5C-C	
	PNP open collector	Gray code		256, 360, 720, 1,024	Pre-wired	E6F-AB5B
					Pre-wired	E6F-AG5B

Note: 1 . For order placement add the resolution (pulses per revolution) between the part number. For example, E6F-AG5B 256 P/R.
 2 . E6F-AB5C-C applied for rotary positioner connection.

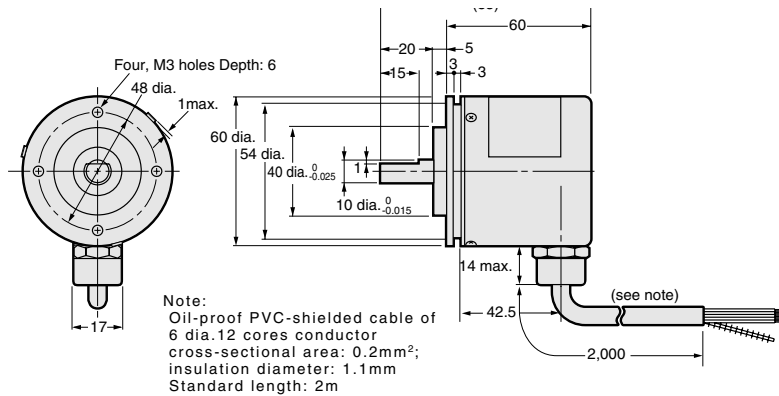
Accessories (Order Separately)

Item	Model	Remarks
Coupling	E69-C10B	Supplied with pre-wired models
	E69-C610B	Different end diameter
	E69-C10M	Metal construction
Mounting Bracket	E69-2	Supplied with the product (set of 3)
Extension Cable	E69-DF5	Standard stock models: 5 m, 10 m. In addition to this 15 m, 20 m and 98 m are available.

Dimensions (Unit: mm)

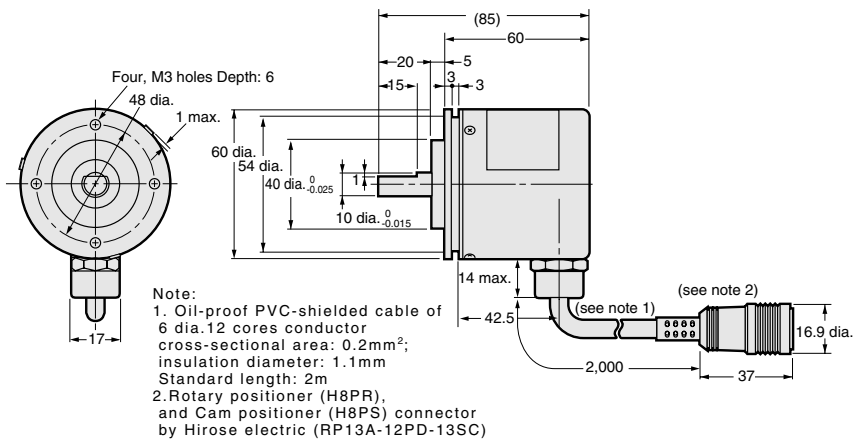
Sensors

E6F-AB5C
E6F-AG5B
E6F-AB5B



E69-C10B is attached.

E6F-AB5C-C



E69-C10B is sold separately.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.
To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.



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Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
	231265		Buy on EAN
	118970		Buy on EAN