

**Absolute rotary encoder with enhanced water resistance**



The E6C family of dia. 50 mm incremental rotary encoders features an improved water resistance compared to standard models.

- IP65f drip-proof, oil-proof construction

**Ordering information**

Size dia. in mm	Power supply voltage	Output form	Output code	Resolution (pulse/rotation)	Connection method	Order code	
50	12 to 24VDC	NPN open collector output	Gray code	256, 360	Connector type	E6C3-AG5C-C	
				256, 360, 720, 1,024		Pre-wired type	E6C3-AG5C
			Binary	32, 40		E6C3-AN5C	
		BCD	6, 8, 12	E6C3-AB5C			
		PNP open collector output	Gray code	256, 360, 720, 1,024	E6C3-AG5B		
			Binary	32, 40	E6C3-AN5B		
	BCD		6, 8, 12	E6C3-AB5B			
	5 VDC	NPN voltage output	Binary	256	E6C3-AN1E		
					12 VDC	E6C3-AN2E	

**E6F-A**

**Absolute rotary encoder in rugged housing**



The E6F family of dia. 60 mm rotary encoders features a rugged housing.

- 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)

**Ordering information**

Size dia. in mm	Power supply voltage	Output form	Output code	Resolution (pulses/revolution)	Connection method	Order code	
60	12 to 24 VDC	NPN open collector	BCD	360	Pre-wired	E6F-AB5C	
						Connector type*1	E6F-AB5C-C
			Gray code	256, 360, 720, 1,024	Pre-wired	E6F-AG5C	
		PNP open collector	BCD	360	Pre-wired	E6F-AB5B	
			Gray code	256, 360, 720, 1,024	Pre-wired	E6F-AG5B	

\*1 For extension cables order E69-DF5 (5M) or E69-DF10 (10M).