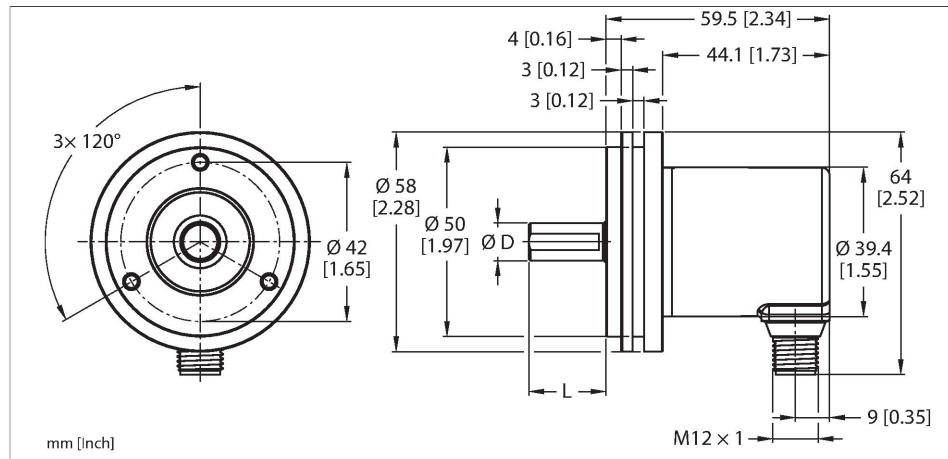


REM-E-195T10S-IOL32B-H1141

Absolute Rotary Encoder - Multiturn – IO-Link

Efficiency Line



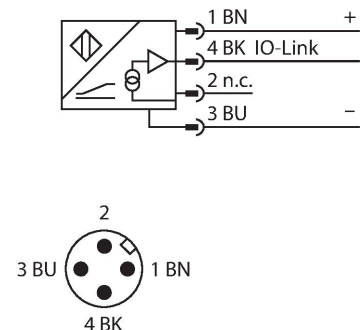
Features

- Ø 58 mm servo flange
- Solid shaft, Ø 10mm x 20mm
- Optical measuring principle
- Shaft material, stainless steel
- Protection class IP64 on housing and shaft side
- -20...+70 °C
- Max. 4000 rpm (continuous operation 2000 rpm)
- Energy harvesting technology
- 10-30 VDC
- SSI (Binary Code)
- M12 connection, 8-pin
- Singleturn resolution 14 bit scalable, default 14 bit
- Multiturn resolution scalable only to 18 bits over total resolution, default 18 bits
- Total resolution 32 bit scalable, default 32 bit

Technical data

Type	REM-E-195T10S-IOL32B-H1141
Ident. no.	100021184
Measuring principle	Magnetic
Max. Rotational Speed	4000 rpm
Repeatability (at 25 °C)	± 0.2 °
Absolute accuracy (at 25 °C)	± 1 °
Ambient temperature	-20...+70 °C
Operating voltage	18...30 VDC
No-load current	≤ 30 mA
Short-circuit protection	yes
Wire breakage/Reverse polarity protection	yes
Output type	Absolute multiturn
Communication protocol	IO-Link
IO-Link specification	Specified acc. to version 1.1
Programming	FDT/DTM
Design	Solid shaft
Flange type	Synchro flange
Flange diameter	Ø 58 mm
Shaft Type	Solid shaft
Shaft diameter D [mm]	10
Wavelength L [mm]	20
Shaft material	Stainless Steel
Housing material	Die-cast zinc

Wiring diagram



Technical data

Electrical connection	Connector, M12 × 1
	5-pin
Axial shaft load	40 N
Radial shaft load	80 N
Vibration resistance (EN 60068-2-6)	30 g (300 m/s ²), 10...2000 Hz
Shock resistance (EN 60068-2-27)	500 g (2500 m/s ²), 4 ms
Protection class	IP64
Protection class shaft	IP64

Pin configuration