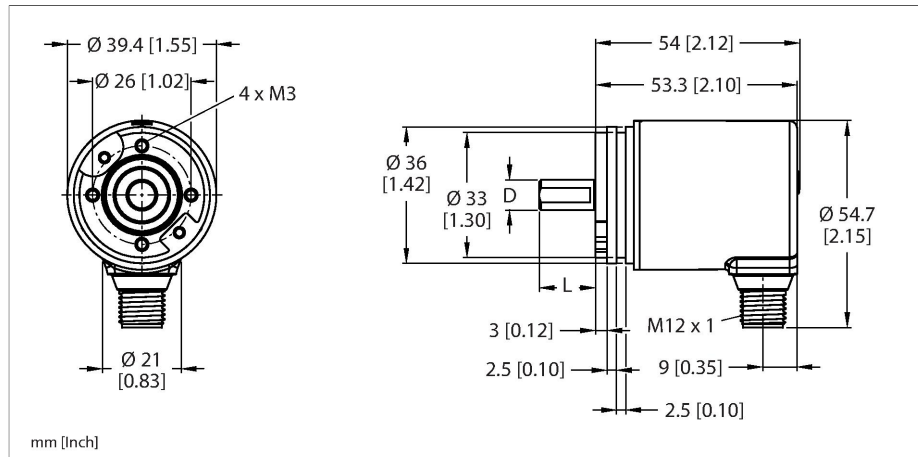


RES-184S8S-9D14B-H1151

Absolute Rotary Encoder - Singleturn

Industrial Line



Features

- Synchro flange, Ø 36 mm
- Solid shaft, Ø 8 mm × 15 mm
- Magnetic measuring principle
- Shaft material: stainless steel
- Protection class IP67 on housing and shaft side
- -40...+85 °C
- Max. 4000 rpm (continuous operation 2000 rpm)
- 10...30 VDC
- CANopen
- M12 × 1 male connector, 5-pin
- 360° resolved in 14 bit (16384 positions)

Technical data

Type	RES-184S8S-9D14B-H1151
ID	100016327
Measuring principle	Magnetic
General data	
Max. rotational speed	4000 rpm
Starting torque	< 0.01 Nm
Measuring range	0...360 °
Absolute accuracy	± 1 ° At 25 °C
Output type	Absolute singleturn
Resolution singleturn	14 Bit
Electrical data	
Operating voltage U _B	10...30 VDC
No-load current	≤ 90 mA
Short-circuit protection	yes
Wire break/reverse polarity protection	yes
Communication protocol	CANopen
Interface	CAN High-Speed in accordance with ISO 11898, basic and full CAN, CAN specification 2.0 B
Node ID	1...127 mit Software konfigurierbar; Werkseinstellung: 63
Baud rate	10...1000 kbps can be configured using software, factory settings 125 kbps
Mechanical data	
Flange type	Synchro flange
Flange diameter	Ø 36 mm
Shaft Type	Solid shaft

Wiring diagram

