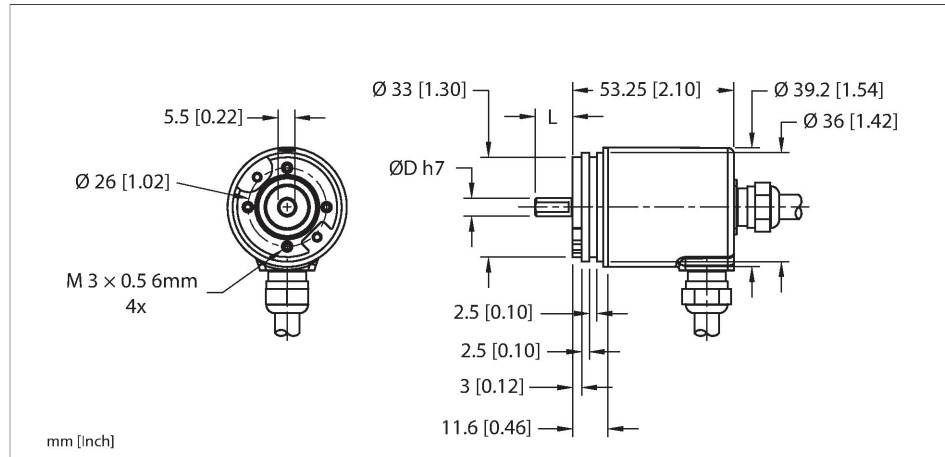


RM-99SA0C-5C12S12M-CA1M

Absolute Shaft Encoder

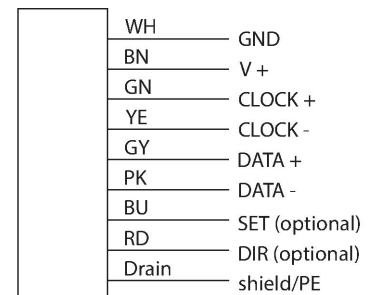
Industrial Line



Features

- Absolute Shaft Encoder
- IP67 rated on the shaft side
- -40...+85 °C
- Max. 4000 rev/min
- 10-30 VDC
- SSI (Binary Code)
- Cable connection, 8-wire
- Singleturn, 13-bit resolution
- Multiturn, 12-bit resolution

Wiring diagram



Technical data

Type	RM-99SA0C-5C12S12M-CA1M
ID	200004011
Measuring principle	Magnetic
General data	
Max. Rotational Speed	4000 rpm
Starting torque	< 0.01 Nm
Repetition accuracy	± 0.2 ° At 25 °C
Absolute accuracy	± 1 ° At 25 °C
Output type	Absolute multiturn
Resolution singleturn	13 Bit
Resolution multiturn	12 Bit
Electrical data	
Operating voltage	10...30 VDC
No-load current	40 mA
Short-circuit protection	yes
Wire breakage/Reverse polarity protection	yes
Communication protocol	SSi
Output function	Binary coded
Mechanical data	
Design	Solid shaft
Flange type	Clamping flange
Flange diameter	Ø 36 mm
Shaft Type	Solid shaft

Technical data

Shaft material	Stainless steel
Housing material	Die-cast zinc
Electrical connection	Cable
cable length	1 m
Axial shaft load	20 N
Radial shaft load	40 N
Environmental conditions	
Ambient temperature	-40...+85 °C
Vibration resistance (EN 60068-2-6)	300 m/s ² , 10...2000 Hz
Shock resistance (EN 60068-2-27)	2500 m/s ² , 6 ms
Protection class	IP67
Protection class shaft	IP67