


TURCK

Inductive Sensors - Barrels


G..M Barrel



Barrel, Metal with Quick Disconnect Full Threading *picoprox*®

2-Wire DC  **eurofast**®
10-30 VDC, Short-Circuit and Overload Protected
Normally Open*

Sensor Selection

Part Number	Embeddable	Rated Operating Distance (mm)	Barrel Diameter (mm)	Sinking	Sourcing	Drawing #	Wiring Diagram	# of LEDs	Weld Field Immune (S34)	Switching Frequency (Hz)	ID Number	Connection
Bi1.5-G08M-AD6X-H1341	•	1.5	8.0	•	•	1	A	1		1000	S4600400	 eurofast Mating Cordsets RK 4.2T-2 (2 meter) For other styles see Section H or consult "Cordsets" catalog

* Normally Closed versions available upon request, consult factory.

Locknut Torque

M8x1 Barrel 10.0 Nm

Material

Connector: Chrome Plated Brass
 Barrel: Stainless Steel
 Locknuts/Lockwashers: Stainless Steel
 Sensing Face: PA 12-GF30 Plastic

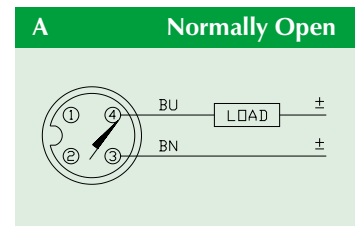
Accessories

[Accessories and mounting devices can be found in Section J.](#)

Specifications

Ripple	≤10%
Differential Travel (Hysteresis)	1-15% (5% typical)
Voltage Drop Across Conducting Sensor	≤6.2 V at 100 mA
Trigger Current for Overload Protection	≥120 mA
Maximum Load Current	≤100 mA
Minimum Load Current	≥3.0 mA
Off-State (Leakage) Current	≤0.8 mA
Time Delay Before Availability	≤10 ms
Power-On Effect	Per IEC 947-5-2
Transient Protection	Per EN 60947-5-2
Operating Temperature	-25°C to +70°C (-13°F to +158°F)
Enclosure	Meets NEMA 1,3,4,6,13 and IEC IP 67
Shock	30 g, 11 ms
Vibration	55 Hz, 1 mm Amplitude in all 3 Planes
Repeatability	≤2% of Rated Operating Distance
LED On	Output Energized (LED Visible Through Four Windows)

Wiring Diagram



Barrels

Dimensions

