

DC - 3 WIRE-SHORT BODY
Brass, Nickel Plated (BN), Cylindrical,
Threaded, 10-30V DC, 250mA,
LED for Output Energized

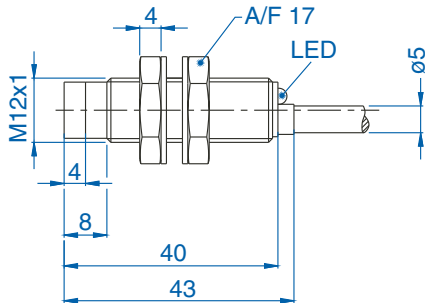
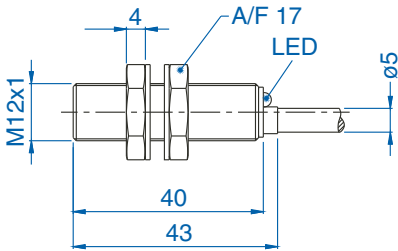


- IEC (529) IP67 (NEMA 1, 3, 4, 6, 12, 13) Protection
- Short Circuit Protection
- Overload Protection
- Reverse Polarity Protection
- Wire Break Resistance
- Transient Voltage Protection
- Temperature Range: -25 to 70°C (-13 to 158°F)

M12 Flush Mount				M12 Non-Flush Mount	
Sensing Distance 2mm (0.08 in.)				4mm (.16 in.)	
Cable or Connector Style Cat. No.		Cable	65	Cable	65
PNP	Normally Open		AIK12F02AP024-2M AIK12F02AP024-Q65	AIK12N04AP024-2M	AIK12N04AP024-Q65
	Normally Open		AIK12F02AN024-2M AIK12F02AN024-Q65	AIK12N04AN024-2M	AIK12N04AN024-Q65
Ripple Voltage			≤ 10%	≤ 10%	
Voltage Range			10-30V	10-30V	
No-Load Current			≤ 15 mA	≤ 15mA	
Max. Load Current			250 mA	250 mA	
Voltage Drop Across Sensor			≤ 2.5V	≤ 2.5V	
Max. Leakage Current			≤ 1 µA	1µA	
Switching Frequency			1000 Hz	1000 Hz	
Hysteresis			≤ 0.2mm	≤ 0.6mm	
Temperature Drift			≤ ±4µm/K	±8µm/K	
Repeatability			≤ 0.1mm	≤ 0.3mm	

Fixed Cable

PVC 2m (6ft. 6in.). For other cable lengths and/or PUR cable, please consult Altech. Supplied with brass, nickel plated locknuts.



65 Style Connector

4-pin, Micro style, 12mm (.47 in.). Supplied with brass, nickel plated locknuts.

