

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

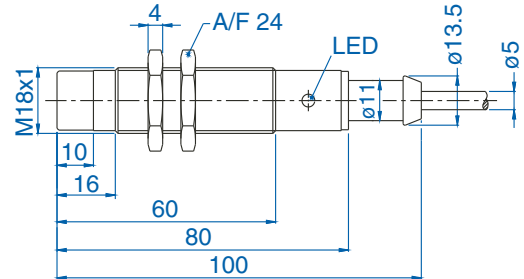
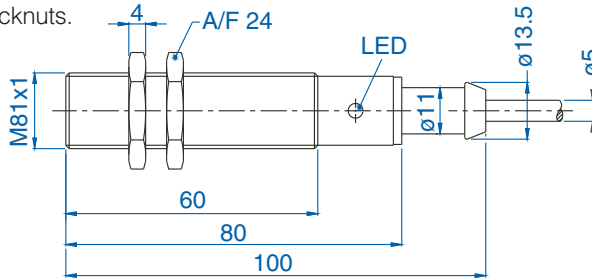
- IEC (529) IP67 (NEMA 1, 3, 4, 6, 12, 13) Protection
- Short Circuit Protection
- Overload Protection
- Reverse Polarity Protection
- Wire Break Resistance
- Transient Voltage Protection
- Temperature Range: -25 to 70°C (-13 to 158°F)



		M18 Flush Mount		Non-Flush 18 Flush Mount	
Sensing Distance		5mm (.20 in.)		8mm (.31 in.)	
Cable or Connector Style Cat. No.		Cable	65	Cable	65
PNP	Normally Open	AIS18F05AP024-2M	AIS18F05AP024-Q65	AIS18N08AP024-2M	AIS12N02AP024-Q65
	Complementary NO/NC*	AIS18F05UP024-2M	AIS18F05UP024-Q65	AIS18N08UP024-2M	AIS12N02UP024-Q65
NPN	Normally Open	AIS18F05AN024-2M	AIS18F05AN024-Q65	AIS18N08AN024-2M	AIS18N08AN024-Q65
	Complementary NO/NC*	AIS18F05UN024-2M	AIS18F05UN024-Q65	AIS18N08UN024-2M	AIS18N08UN024-Q65
Ripple Voltage		≤ 10%		≤ 10%	
Voltage Range		10-30V		10-30V	
No-Load Current		≤15 mA		≤15 mA	
Max. Load Current		250 mA		250 mA	
Voltage Drop Across Sensor		≤2.5V		≤ 2.5V	
Max. Leakage Current		≤ 1 μA		1μA	
Switching Frequency		500 Hz		500 Hz	
Hysteresis		0.5mm		≤0.8mm	
Temperature Drift		≤±10μm/K		≤±16μm/K	
Repeatability		≤0.2mm		≤0.4mm	

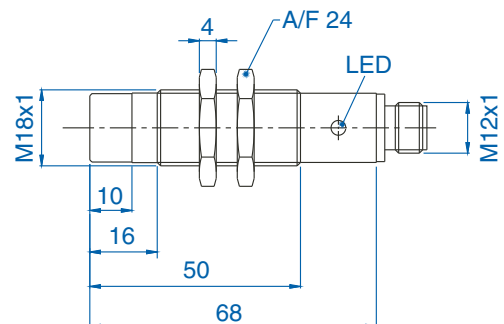
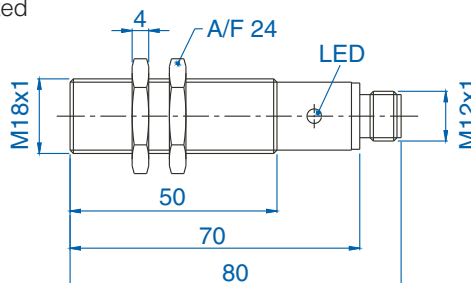
Fixed Cable

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.



* Note short circuit protection is pending; contact Altech.

Note: Sensor dimensions in mm.