

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

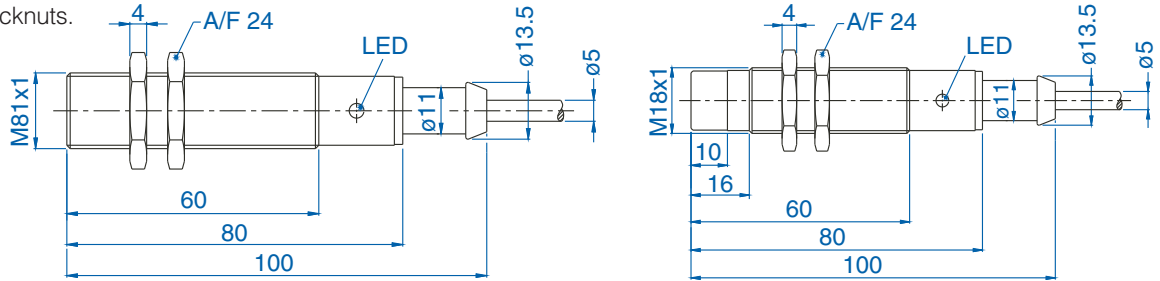
- IEC (529) IP67 (NEMA 1, 3, 4, 6, 12, 13) Protection
- Short Circuit Protection
- Overload Protection
- Reverse Polarity Protection
- Wire Break Resistance
- Transient Voltage Protection
- Temperature Range: -25 to 70°C (-13 to 158°F)



| | | 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.

