



**DC - 2 WIRE-STANDARD**  
**Brass, Nickel Plated (BN), Cylindrical,**  
**Threaded, 10-30V DC, 200mA,**  
**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	M18 Non-Flush Mount
<b>Sensing Distance</b>	<b>5mm (.20 in.)</b>	<b>8mm (.31 in.)</b>
<b>Cable or Connector Style Cat. No.</b>	<b>Cable</b>	<b>Cable</b>
Normally Open 	AIS18F05AD024-2M	AIS18N08AD024-2M
Normally Closed 	AIS18F05RD024-2M	AIS18N08RD024-2M
Ripple Voltage	≤10%	≤10%
Voltage Range	10-30V	10-30V
Holding Current	≤4mA	≤4mA
Max. Load Current	200 mA	200 mA
Voltage Drop Across Sensor	≤4.5V	≤4.5V
Max. Leakage Current	≤1mA	≤1mA
Switching Frequency	200 Hz	200 Hz
Hysteresis	≤0.5mm	≤0.8mm
Temperature Drift	≤±10µm/K	≤±16µm/K
Repeatability	≤0.2mm	≤0.4mm

**Fixed Cable**

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

