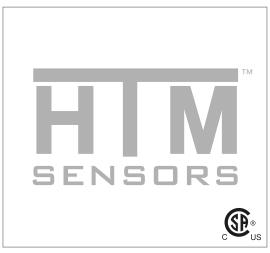
Long Range Proximity Sensor



Note: The product images shown may change over time as products are updated.

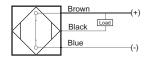
Part Number LCP1-1812N-B3U2

Features

Inductive Proximity Sensors are used in a wide variety of manufacturing operations where a metal target needs to be sensed. HTM Sensors inductive proximity sensors have a Lifetime Warranty, a CSA or UL approval, and a huge inventory for sameday shipping. For tougher applications where the sensors need more range to stay out of harm's way, or to withstand high temperatures, weld spatter, chemical exposure, oil or other rough environments, HTM Sensors has the widest range of proximity sensors on the market.

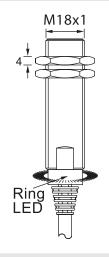
Connection

NPN Normally Closed





Dimensions



Body Length (mm) 55

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Body Style	Cylindrical		
Sensor Housing Material	PBT Plastic		
Sensor Face Material	PBT Plastic		
Mounting Style	Shielded		
Diameter	18 mm Threaded		
Sensing Range:	12 mm Range		
Output Type:	NPN Output		
Output Function	Normally Closed Output		
Connection	Pre-Three Wired Cable Connect		
Connector Type	Cable		
Operating Voltage	10-30 VDC		
Switching Frequency	300 Hz		
Operating Temperature	-25 °C – +70 °C		
Current Consumption	<10 mA		
IP Rating:	IP67		
EMC Rating	RFI>3V/m / EFT>1kV / ESD>4Kv (contact)		
Shock Rating:	IEC 60497-5-2 Part 7.4.1&7.4.2		
Short Circuit Protected	Yes		
Reverse Polarity Protected	Yes		
Max Current	200 mA		
Leakage Current	<0.01 mA		
Surge Current	-		
Response Time	0.5 ms/0.5 ms		
Hysteresis	<15%(Sr)		
Overload Trip Point	≥220 mA		
Weld Field Immune	No		
Weld Spatter Resistant	No		
Body Length (mm)	55		



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