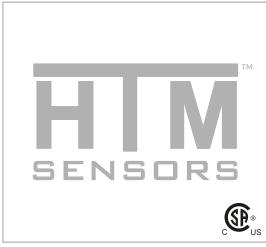
10-55V Inductive Proximity Sensor



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

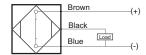
Part Number HCP2-1808P-B3U2Z

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.

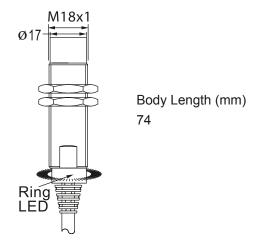
Connection

PNP Normally Closed





Dimensions



			Data
-100	nn	1001	11272

Body Style	Cylindrical	
Sensor Housing Material	PBT Plastic	
Sensor Face Material	PBT Plastic	
Mounting Style	Unshielded	
Diameter	18 mm Threaded	
Sensing Range:	8 mm Range	
Output Type:	PNP Output	
Output Function	Normally Closed Output	
Connection	Pre-Three Wired Cable Connect	
Connector Type	Cable	
Operating Voltage	10-55VDC	
Switching Frequency	500 Hz	
Operating Temperature	-25 °C – +70 °C	
Current Consumption	<20 mA	
IP Rating:	IP68	
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)	74	



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