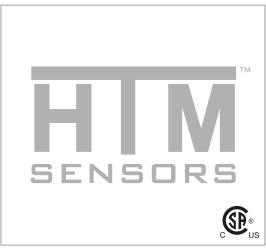
10-55V Inductive Proximity Sensor



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

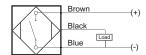
Part Number HCP1-1805P-A3U2Y

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 Open





Dimensions

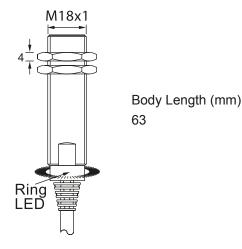
Technical Data

Short Circuit Protected

Weld Spatter Resistant

Body Length (mm)

Reverse Polarity Protected



recillical Data	
Body Style	Cylindrical
Sensor Housing Material	PBT Plastic
Sensor Face Material	PBT Plastic
Mounting Style	Shielded
Diameter	18 mm Threaded
Sensing Range:	5 mm Range
Output Type:	PNP Output
Output Function	Normally Open Output
Connection	Pre-Three Wired Cable Connect
Connector Type	Cable
Operating Voltage	10-55VDC
Switching Frequency	1 KHz
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

 Max Current
 200 mA

 Leakage Current
 <0.01 mA</td>

 Surge Current

 Response Time
 0.2 ms/0.2 ms

 Hysteresis
 <15%(Sr)</td>

 Overload Trip Point
 ≥220 mA

 Weld Field Immune
 No

Yes

Yes

No

63

