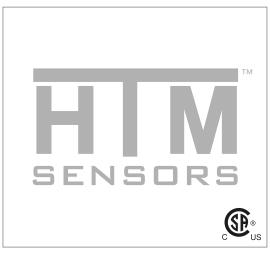
## **Inductive Proximity Sensor**



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

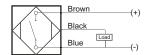
# Part Number FCP1-1805P-A3U2Y

#### **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**



Body Length (mm) 63

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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:	5 mm Range			
Output Type:	PNP Output			
Output Function	Normally Open Output			
Connection	Pre-Three Wired Cable Connect			
Connector Type	Cable			
Operating Voltage	10-30 VDC			
Switching Frequency	1 KHz			
Operating Temperature	-25 °C – +70 °C			
Current Consumption	<10 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	0.2 ms/0.2 ms			
Hysteresis	<15%(Sr)			
Overload Trip Point	≥220 mA			
Weld Field Immune	No			
Weld Spatter Resistant	No			
Body Length (mm)	63			

