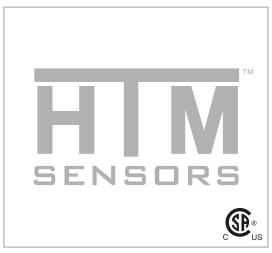
5-36V Inductive Proximity Sensor



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

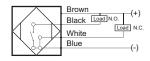
Part Number ICP1-1202N-S4U2Y

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.

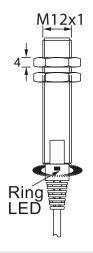
Connection

NPN Normally Open & Normally Closed





Dimensions



Body Length (mm) 51

Technical D	ata
Body Style	
Sensor Housing Ma	ateria

Cylindrical **PBT Plastic** sor Housing Material Sensor Face Material **PBT Plastic** Mounting Style Shielded 12 mm Threaded Diameter Sensing Range: 2 mm Range Output Type: NPN Output NO/NC Switchable Output **Output Function** Pre-Four Wired Cable Connect Connection

Connector Type Cable

Operating Voltage 5-36VDC

Switching Frequency 2 KHz

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
 0.1 ms/0.1 ms

 Hysteresis
 <15%(Sr)</td>

 Overload Trip Point
 ≥220 mA

 Weld Field Immune
 No

 Weld Spatter Resistant
 No

 Body Length (mm)
 51