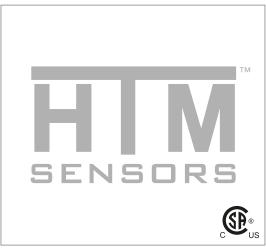
Inductive Proximity Sensor



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

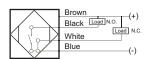
Part Number FCP1-1202N-S4U2

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.

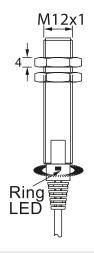
Connection

NPN Normally Open & Normally Closed





Dimensions



Body Length (mm) 50

Technical Data	
Body Style	
Sensor Housing Materia	a

Cylindrical **PBT Plastic** 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 Cable Connector Type Operating Voltage 10-30 VDC Switching Frequency 2 KHz -25 °C − +70 °C **Operating Temperature**

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 <0.01 mA Leakage Current

Surge Current 0.1 ms/0.1 ms Response Time Hysteresis <15%(Sr)

≥220 mA Overload Trip Point Weld Field Immune No Weld Spatter Resistant No Body Length (mm) 50