Inductive Proximity Sensor



Dimensions

Technical Data

Body Length (mm) 80

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

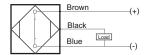
Part Number FCP2-D2010P-B3U2

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



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Cylindrical Body Style Sensor Housing Material **PBT Plastic** Sensor Face Material **PBT Plastic** Mounting Style Unshielded 20 mm Smooth Diameter Sensing Range: 10 mm Range Output Type: PNP Output **Output Function** Normally Closed Output Pre-Three Wired Cable Connect Connection Connector Type Cable Operating Voltage 10-30 VDC Switching Frequency 500 Hz -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 0.5 ms/0.5 ms Response Time Hysteresis <15%(Sr) Overload Trip Point ≥220 mA Weld Field Immune No Weld Spatter Resistant No

80



Body Length (mm)