Inductive Proximity Sensor



Dimensions

Body Length (mm) 80

Part Number FCP2-D3420P-A3U2

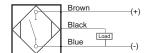
Features

products are updated.

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





Technical Data Body Style

Cylindrical PBT Plastic Sensor Housing Material Sensor Face Material **PBT Plastic** Mounting Style Unshielded 34 mm Smooth Diameter Sensing Range: 20 mm range Output Type: PNP Output **Output Function** Normally Open Output Pre-Three Wired Cable Connect Connection Connector Type Cable Operating Voltage 10-30 VDC 150 Hz

Switching Frequency **Operating Temperature Current Consumption** IP Rating: **EMC** Rating

-25 °C − +70 °C <10 mA IP68 RFI>3V/m / EFT>1kV / ESD>4Kv (contact) 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 Response Time Hysteresis

Body Length (mm)

Shock Rating:

Overload Trip Point Weld Field Immune Weld Spatter Resistant 1 ms/1 ms <15%(Sr)

≥220 mA No No

80

