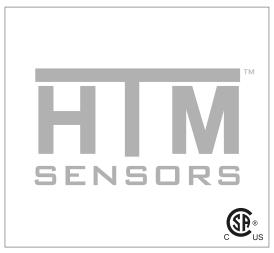
Inductive Proximity Sensor



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

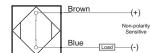
Part Number FCU1-D0801C-B2U2

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

Normally Closed





Dimensions



Body Length (mm) 45

Technical Data

Body Style	Cylindrical
Sensor Housing Material	Stainless Steel SUS303
Sensor Face Material	PBT Plastic
Mounting Style	Shielded
Diameter	8 mm Smooth
Sensing Range:	1mm Range
Output Type:	DC 2-Wire Output
Output Function	Normally Closed Output
Connection	Pre-Two Wired Cable Connect
Connector Type	Cable
Operating Voltage	10-60 VDC
Switching Frequency	2 KHz
Operating Temperature	-25 °C – +70 °C
Current Consumption	-
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	100 mA
	100 110 1
Leakage Current	<1.2 mA
Leakage Current Surge Current	
•	
Surge Current	<1.2 mA
Surge Current Response Time	<1.2 mA - 0.1 ms/0.1 ms
Surge Current Response Time Hysteresis	<1.2 mA - 0.1 ms/0.1 ms <15%(Sr)
Surge Current Response Time Hysteresis Overload Trip Point	<1.2 mA - 0.1 ms/0.1 ms <15%(Sr) >120 mA
Surge Current Response Time Hysteresis Overload Trip Point Weld Field Immune	<1.2 mA - 0.1 ms/0.1 ms <15%(Sr) >120 mA No



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