10-55V Inductive Proximity Sensor



Dimensions



Body Length (mm) 51

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

Part Number

HCU1-1202P-B3U2Z

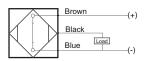
Features

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

SENSORS

PNP Normally Closed





Technical Data

Body Style	Cylindrical
Sensor Housing Material	Stainless Steel SUS303
Sensor Face Material	PBT Plastic
Mounting Style	Shielded
Diameter	12 mm Threaded
Sensing Range:	2 mm Range
Output Type:	PNP Output
Output Function	Normally Closed Output
Connection	Pre-Three Wired Cable Connect
Connector Type	Cable
Operating Voltage	10-55VDC
Switching Frequency	2 KHz
Operating Temperature	-25 °C – +70 °C
Current Consumption	<20 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)
Overload Trip Point	≥220 mA
Ovendad hip i dint	
Weld Field Immune	No
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Weld Field Immune	No

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