5-36V Inductive Proximity Sensor



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

Dimensions

Technical Data

Overload Trip Point Weld Field Immune

Body Length (mm)

Weld Spatter Resistant

Body Style

Body Length (mm) 60 mm

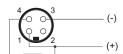
Part Number ICU1-D1102N-BRU4

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

- 1 Brown
- 2 Not Used 3 - Blue
- 3 Blue 4 - Black





Sensor Housing Material	Stainless Steel SUS303
Sensor Face Material	PBT Plastic
Mounting Style	Shielded
Diameter	11 mm Smooth
Sensing Range:	2 mm Range
Output Type:	NPN Output
Output Function	Normally Closed Output
Connection	4-Pin Connector
Connector Type	M12x1 Quick-Connect
Operating Voltage	5-36VDC
Switching Frequency	2 KHz
Operating Temperature	-25 °C – +70 °C
Current Consumption	<10 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)

≥220 mA

No

No

60 mm

Cylindrical

