

# FCU1-0501N-A3U2-I -STAINLESS STEEL NUTS

## Inductive Proximity Sensor



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

### Part Number

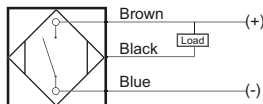
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### Features

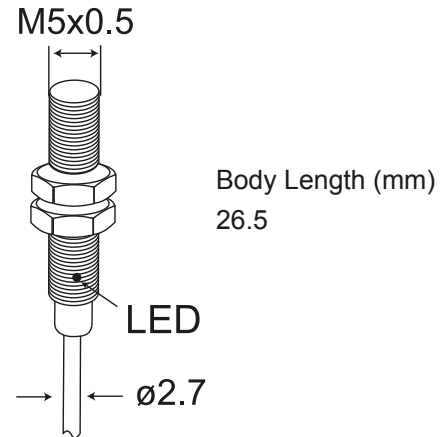
Inductive Proximity Sensors are used in a wide variety of manufacturing operations where a metal target needs to be sensed. HTM Sensors inductive proximity sensors have a Lifetime Warranty, a CSA or UL approval, and a huge inventory for same-day shipping. For tougher applications where the sensors need 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

#### NPN Normally Open



### Dimensions



### Technical Data

Body Style	Cylindrical
Sensor Housing Material	Stainless Steel SUS303
Sensor Face Material	PBT Plastic
Mounting Style	Shielded
Diameter	5mm Threaded
Sensing Range:	1mm Range
Output Type:	NPN Output
Output Function	Normally Open Output
Connection	Pre-Three Wired Cable Connect
Connector Type	Cable
Operating Voltage	5-36VDC
Switching Frequency	2 KHz
Operating Temperature	-25 °C – +70 °C
Current Consumption	>2.2mA(OFF)
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	NO
Reverse Polarity Protected	NO
Max Current	—
Leakage Current	—
Surge Current	-
Response Time	0.1 ms/0.1 ms
Hysteresis	<15%(Sr)
Overload Trip Point	-
Weld Field Immune	No
Weld Spatter Resistant	No
Body Length (mm)	26.5



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