



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

**Part Number**

**MQS1-8802P-A3U0.3/P8/PTFE-100C-WD**

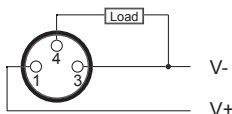
**Features**

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.

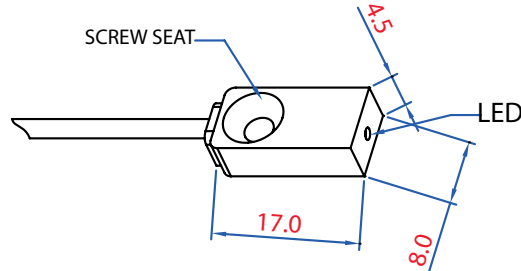
**Connection**

**PNP Normally Open**

- 1 - Brown
- 3 - Blue
- 4 - Black



**Dimensions**



**Technical Data**

Body Style	Square Type
Sensor Housing Material	Stainless Steel
Sensor Face Material	Stainless Steel
Mounting Style	Shielded
Diameter	-
Sensing Range:	2 mm Range
Output Type:	PNP Output
Output Function	Normally Open Output
Connection	Weld Jacketed Three Conductor Cable w/ Pigtailed Connector
Connector Type	M8 3-pin
Operating Voltage	10-30 VDC
Switching Frequency	100 Hz
Operating Temperature	-25 °C – +100 °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	0.5 ms/0.5 ms
Hysteresis	<15%(Sr)
Overload Trip Point	≥220 mA
Weld Field Immune	Yes
Weld Spatter Resistant	Yes - PTFE Coated
Body Length (mm)	17
Width (mm)	8
Height (mm)	4.5



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