

LQS1-0603P-A3U2T-303

Long Range Proximity Sensor



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

Part Number

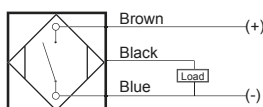
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Features

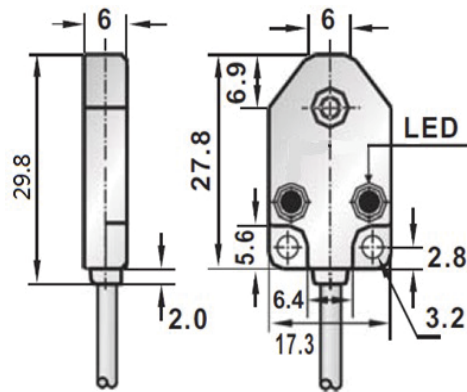
Inductive Proximity Sensors are used in a wide variety of manufacturing operations where a metal target needs to be sensed. HTM Sensors inductive proximity sensors have a Lifetime Warranty, a CSA or UL approval, and a huge inventory for same-day shipping. For tougher applications where the sensors need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

PNP Normally Open



Dimensions



Technical Data

Body Style	Square Type
Sensor Housing Material	303SUS
Sensor Face Material	303SUS
Mounting Style	Shielded
Diameter	Q6 mm Square
Sensing Range:	3mm Range
Output Type:	PNP Output
Output Function	Normally Open Output
Connection	Pre-Wired Cable
Connector Type	2 m Cable
Operating Voltage	10-30 VDC
Switching Frequency	500 Hz
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)
Overload Trip Point	≥220 mA
Weld Field Immune	No
Weld Spatter Resistant	No
Body Length (mm)	28.9
Width (mm)	17.3
Height (mm)	6



In the USA: 1889 Maryland Ave., Niagara Falls, NY 14305
 In Canada: 3419 Mainway, Burlington, ON L7M 1A9
 Toll Free: 1-800-644-1756 • Fax: 888-283-2127
 service@htmsensors.com