ECS1-3016P-ARU4-PTFE-100C
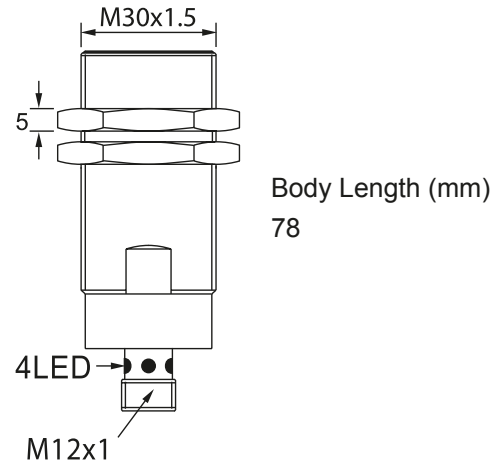
Extended Range MetalHead™ Proximity Sensor

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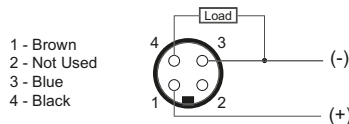
Dimensions

M30x1.5

5

Body Length (mm)
78

4LED

M12x1

Part Number

ECS1-3016P-ARU4-PTFE-100C

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

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

Load

4   3

1   2

(-)

(+)

Technical Data

Body Style	Cylindrical
Sensor Housing Material	Stainless Steel SUS303
Sensor Face Material	1-Piece Stainless Steel
Mounting Style	Shielded
Diameter	30 mm Threaded
Sensing Range:	16 mm range
Output Type:	PNP Output
Output Function	Normally Open Output
Connection	4-Pin Connector
Connector Type	M12x1 Quick-Connect
Operating Voltage	10-30 VDC
Switching Frequency	150 Hz
Operating Temperature	-20 ºC - +100 ºC
Current Consumption	<10 mA
IP Rating:	IP68
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	1 ms/1 ms
Hysteresis	<15%(Sr)
Overload Trip Point	≥220 mA
Weld Field Immune	No
Weld Spatter Resistant	Yes - SpatterGuard™ Coated
Body Length (mm)	78

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