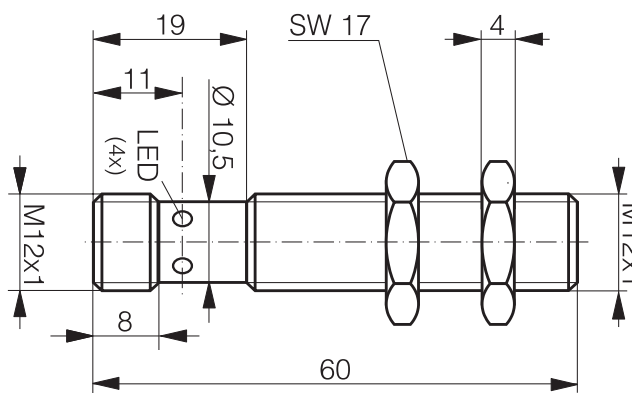




Note: The product images shown may change over time as products are updated.

Dimensions



Part Number

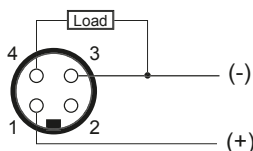
WCS1-1206P-ARU4-C-AMS

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



Technical Data

Body Style	Cylindrical
Sensor Housing Material	V2A Stainless Steel
Sensor Face Material	V2A Stainless Steel
Mounting Style	Shielded
Diameter	12 mm Threaded
Sensing Range:	6 mm
Output Type:	PNP
Output Function	Normally Open IO Link compatible
Connection	Quick-Connect
Connector Type	M12 A-Coded
Operating Voltage	10-30 V DC
Switching Frequency	15 Hz
Operating Temperature	-25C to +85C
Current Consumption	<10 mA
IP Rating:	IP68
EMC Rating	IEC 60947-5-2 (7.2.3.1) 1Kv
Shock Rating:	EC 60947-5-2 / 7.9
Short Circuit Protected	Yes
Reverse Polarity Protected	Yes
Max Current	<200 mA
Leakage Current	<0.1 mA
Surge Current	N/A
Response Time	<10 ms
Hysteresis	3-15% Sr
Overload Trip Point	220 mA
Weld Field Immune	Yes
Weld Spatter Resistant	Yes
Body Length (mm)	60 mm



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

Part Number

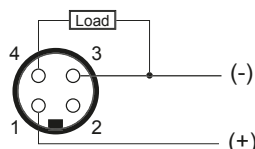
WCS1-1206P-A3U0.2/P12-C-AMS

Features

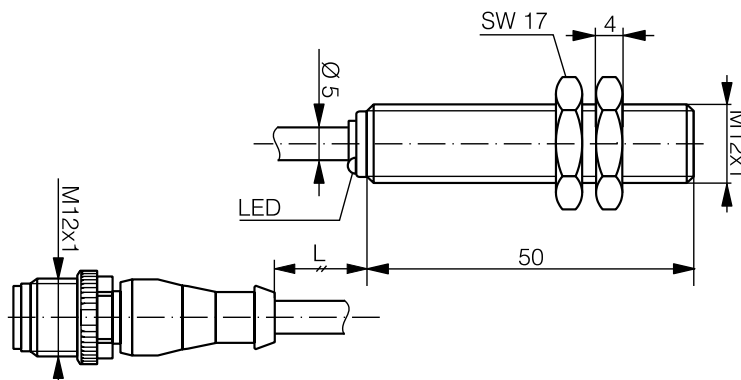
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Connection

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



Dimensions



Technical Data

Body Style	Cylindrical
Sensor Housing Material	V2A Stainless Steel
Sensor Face Material	V2A Stainless Steel
Mounting Style	Shielded
Diameter	12 mm Threaded
Sensing Range:	6 mm
Output Type:	PNP
Output Function	Normally Open IO Link compatible
Connection	0.2 m Pigtail
Connector Type	M12 A-Coded Pigtail
Operating Voltage	10-30 V DC
Switching Frequency	15 Hz
Operating Temperature	-25C to +85C
Current Consumption	<10 mA
IP Rating:	IP68
EMC Rating	IEC 60947-5-2 (7.2.3.1) 1Kv
Shock Rating:	EC 60947-5-2 / 7.9
Short Circuit Protected	Yes
Reverse Polarity Protected	Yes
Max Current	<200 mA
Leakage Current	<0.1 mA
Surge Current	N/A
Response Time	<10 ms
Hysteresis	3-15% Sr
Overload Trip Point	220 mA
Weld Field Immune	Yes
Weld Spatter Resistant	Yes
Body Length (mm)	50 mm



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

Part Number

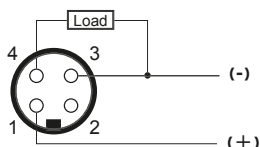
WCS1-0803P-BRU4-C-AMS

Features

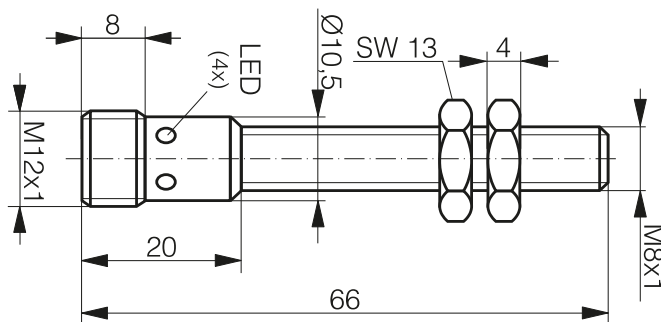
Inductive Proximity Sensors are used in a wide variety of manufacturing operations where a metal target needs to be sensed. HTM Sensors inductive proximity sensors have a Lifetime Warranty, a CSA or UL approval, and a huge inventory for same-day shipping. For tougher applications where the sensors need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



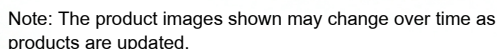
Dimensions



Technical Data

Body Style	Cylindrical
Sensor Housing Material	V2A Stainless Steel
Sensor Face Material	V2A Stainless Steel
Mounting Style	Shielded
Diameter	8 mm Threaded
Sensing Range:	3 mm
Output Type:	PNP
Output Function	Normally Closed IO Link compatible
Connection	Quick-Connect
Connector Type	M8x1
Operating Voltage	10-30 V DC
Switching Frequency	15 Hz
Operating Temperature	-25C to +85C
Current Consumption	<10 mA
IP Rating:	IP68
EMC Rating	IEC 60947-5-2 (7.2.3.1) 1Kv
Shock Rating:	EC 60947-5-2 / 7.9
Short Circuit Protected	Yes
Reverse Polarity Protected	Yes
Max Current	<200 mA
Leakage Current	<0.1 mA
Surge Current	N/A
Response Time	<10 mS
Hysteresis	3-15% Sr
Overload Trip Point	220 mA
Weld Field Immune	Yes
Weld Spatter Resistant	Yes
Body Length (mm)	66 mm

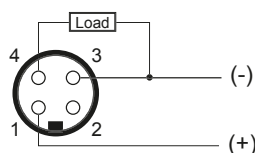
Long Range All Metal Sensing Proximity Sensors

[illegible]

WCS1-0803P-ARU4-C-AMS

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.

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



Body Style	Cylindrical
Sensor Housing Material	V2A Stainless Steel
Sensor Face Material	V2A Stainless Steel
Mounting Style	Shielded
Diameter	8 mm Threaded
Sensing Range:	3 mm
Output Type:	PNP
Output Function	Normally Open IO Link compatible
Connection	Quick-Connect
Connector Type	M8x1
Operating Voltage	10-30 V DC
Switching Frequency	15 Hz
Operating Temperature	-25C to +85C
Current Consumption	<10 mA
IP Rating:	IP68
EMC Rating	IEC 60947-5-2 (7.2.3.1) 1Kv
Shock Rating:	EC 60947-5-2 / 7.9
Short Circuit Protected	Yes
Reverse Polarity Protected	Yes
Max Current	<200 mA
Leakage Current	<0.1 mA
Surge Current	N/A
Response Time	<10 mS
Hysteresis	3-15% Sr
Overload Trip Point	220 mA
Weld Field Immune	Yes
Weld Spatter Resistant	Yes
Body Length (mm)	66 mm



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

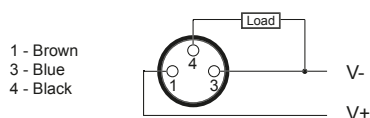
Part Number

WCS1-0803P-ACU3-C-AMS

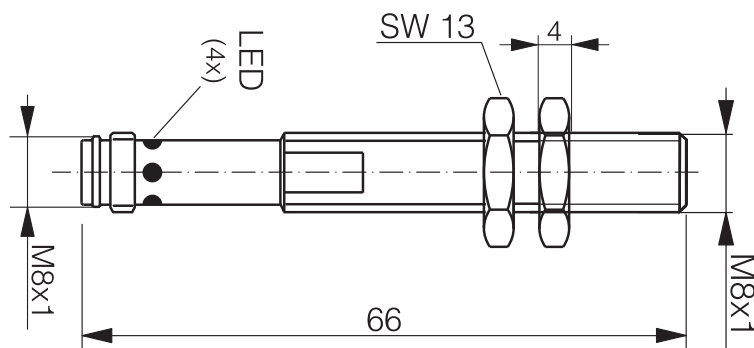
Features

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



Dimensions



Technical Data

Body Style	Cylindrical
Sensor Housing Material	V2A Stainless Steel
Sensor Face Material	V2A Stainless Steel
Mounting Style	Shielded
Diameter	8 mm Threaded
Sensing Range:	3 mm
Output Type:	PNP
Output Function	Normally Open IO Link compatible
Connection	Quick-Connect
Connector Type	M8x1
Operating Voltage	10-30 V DC
Switching Frequency	15 Hz
Operating Temperature	-25C to +85C
Current Consumption	<10 mA
IP Rating:	IP68
EMC Rating	IEC 60947-5-2 (7.2.3.1) 1Kv
Shock Rating:	EC 60947-5-2 / 7.9
Short Circuit Protected	Yes
Reverse Polarity Protected	Yes
Max Current	<200 mA
Leakage Current	<0.1 mA
Surge Current	N/A
Response Time	<10 ms
Hysteresis	3-15% Sr
Overload Trip Point	220 mA
Weld Field Immune	Yes
Weld Spatter Resistant	Yes
Body Length (mm)	66 mm



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

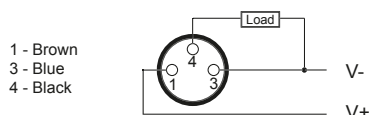
Part Number

WCS1-0803P-A3U0.2/P8-C-AMS

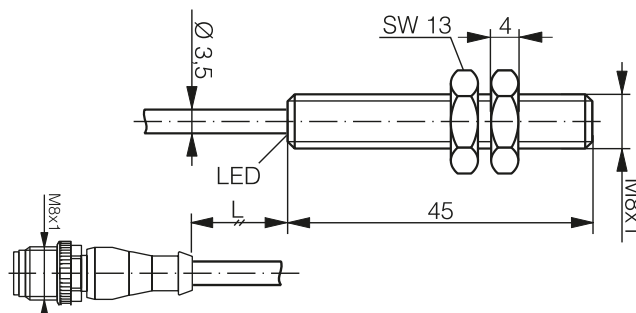
Features

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Connection



Dimensions



Technical Data

Body Style	Cylindrical
Sensor Housing Material	V2A Stainless Steel
Sensor Face Material	V2A Stainless Steel
Mounting Style	Shielded
Diameter	8 mm Threaded
Sensing Range:	3 mm
Output Type:	PNP
Output Function	Normally Open IO Link compatible
Connection	0.2 m Pigtail
Connector Type	M8 A-Coded
Operating Voltage	10-30 V DC
Switching Frequency	15 Hz
Operating Temperature	-25C to +85C
Current Consumption	<10 mA
IP Rating:	IP68
EMC Rating	IEC 60947-5-2 (7.2.3.1) 1Kv
Shock Rating:	EC 60947-5-2 / 7.9
Short Circuit Protected	Yes
Reverse Polarity Protected	Yes
Max Current	<200 mA
Leakage Current	<0.1 mA
Surge Current	N/A
Response Time	<10 ms
Hysteresis	3-15% Sr
Overload Trip Point	220 mA
Weld Field Immune	Yes
Weld Spatter Resistant	Yes
Body Length (mm)	45 mm



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

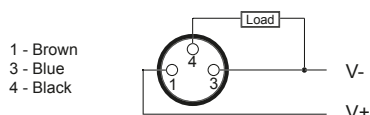
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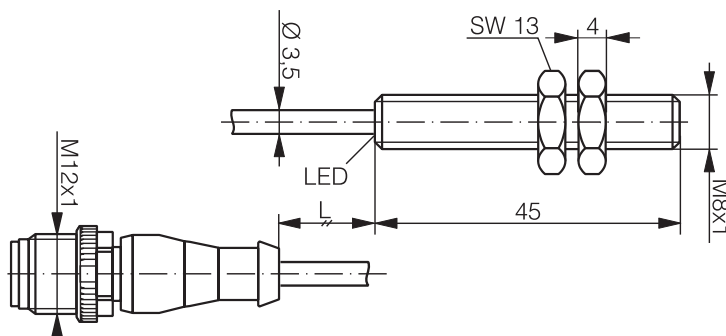
Features

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



Dimensions



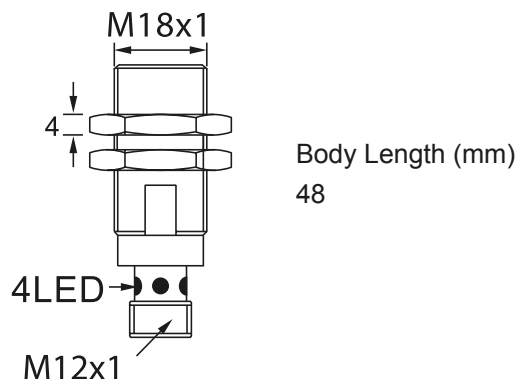
Technical Data

Body Style	Cylindrical
Sensor Housing Material	V2A Stainless Steel
Sensor Face Material	V2A Stainless Steel
Mounting Style	Shielded
Diameter	8 mm Threaded
Sensing Range:	3 mm
Output Type:	PNP
Output Function	Normally Open IO Link compatible
Connection	0.2 m Pigtail
Connector Type	M12 A-Coded
Operating Voltage	10-30 V DC
Switching Frequency	15 Hz
Operating Temperature	-25C to +85C
Current Consumption	<10 mA
IP Rating:	IP68
EMC Rating	IEC 60947-5-2 (7.2.3.1) 1Kv
Shock Rating:	EC 60947-5-2 / 7.9
Short Circuit Protected	Yes
Reverse Polarity Protected	Yes
Max Current	<200 mA
Leakage Current	<0.1 mA
Surge Current	N/A
Response Time	<10 ms
Hysteresis	3-15% Sr
Overload Trip Point	220 mA
Weld Field Immune	Yes
Weld Spatter Resistant	Yes
Body Length (mm)	45 mm



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

Dimensions



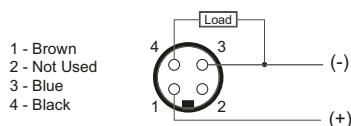
Part Number

ECS1-1808P-ARS4-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



Technical Data

Body Style	Cylindrical
Sensor Housing Material	Stainless Steel SUS303
Sensor Face Material	1-Piece Stainless Steel
Mounting Style	Shielded
Diameter	18 mm Threaded
Sensing Range:	8 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	500 Hz
Operating Temperature	-20 °C - +100 °C
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	0.5 ms/0.5 ms
Hysteresis	<15%(Sr)
Overload Trip Point	≥220 mA
Weld Field Immune	No
Weld Spatter Resistant	Yes - SpatterGuard™ Coated
Body Length (mm)	48

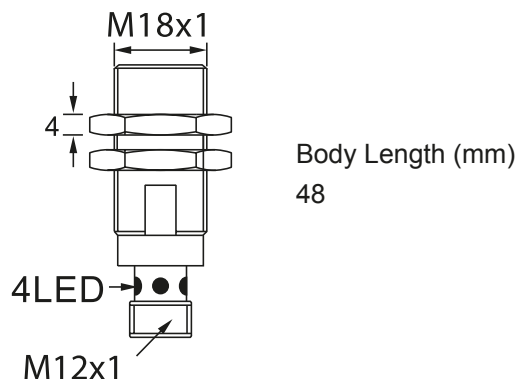
ECS1-1808N-ARS4-PTFE-100C

Extended Range MetalHead™ Proximity Sensor



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

Dimensions



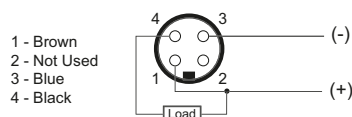
Part Number

ECS1-1808N-ARS4-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



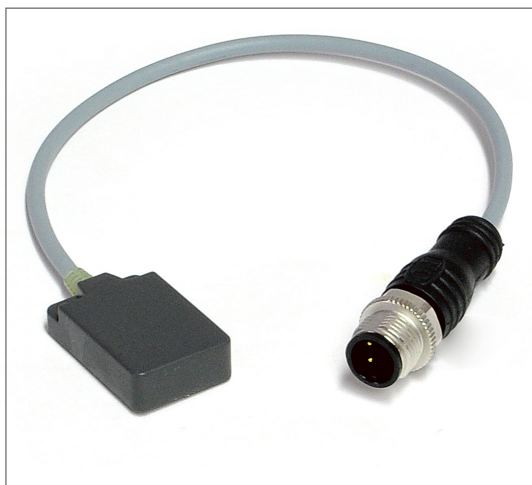
Technical Data

Body Style	Cylindrical
Sensor Housing Material	Stainless Steel SUS303
Sensor Face Material	1-Piece Stainless Steel
Mounting Style	Shielded
Diameter	18 mm Threaded
Sensing Range:	8 mm Range
Output Type:	NPN Output
Output Function	Normally Open Output
Connection	4-Pin Connector
Connector Type	M12x1 Quick-Connect
Operating Voltage	10-30 VDC
Switching Frequency	500 Hz
Operating Temperature	-20 °C - +100 °C
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	0.5 ms/0.5 ms
Hysteresis	<15%(Sr)
Overload Trip Point	≥220 mA
Weld Field Immune	No
Weld Spatter Resistant	Yes - SpatterGuard™ Coated
Body Length (mm)	48



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

htmsensors.com



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

Part Number

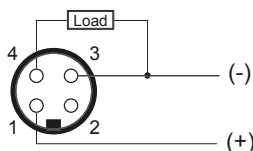
WQS1-2007P-A3U0.2/P12-C-AMS

Features

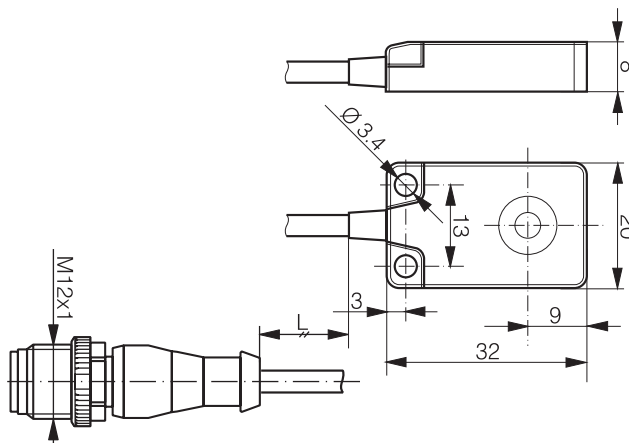
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Connection

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



Dimensions



Technical Data

Body Style	Rectangular
Sensor Housing Material	V2A Stainless Steel
Sensor Face Material	V2A Stainless Steel
Mounting Style	Shielded
Diameter	—
Sensing Range:	7 mm
Output Type:	PNP
Output Function	Normally Open IO Link compatible
Connection	0.2 m Pigtail
Connector Type	M12 A-Coded
Operating Voltage	10-30 V DC
Switching Frequency	15 Hz
Operating Temperature	-25C to +85C
Current Consumption	<10 mA
IP Rating:	IP68
EMC Rating	IEC 60947-5-2 (7.2.3.1) 1Kv
Shock Rating:	EC 60947-5-2 / 7.9
Short Circuit Protected	Yes
Reverse Polarity Protected	Yes
Max Current	<200 mA
Leakage Current	<0.1 mA
Surge Current	N/A
Response Time	<10 mS
Hysteresis	3-15% Sr
Overload Trip Point	220 mA
Weld Field Immune	Yes
Weld Spatter Resistant	Yes
Body Length (mm)	20 mm x 32 mm x 8 mm



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

Part Number

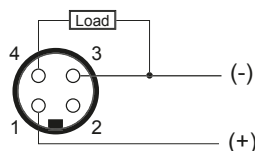
WCS1-1810P-ARU4-C-AMS

Features

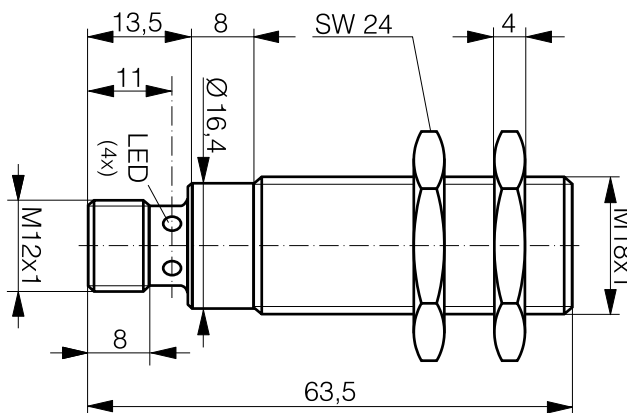
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Connection

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



Dimensions



Technical Data

Body Style	Cylindrical
Sensor Housing Material	V2A Stainless Steel
Sensor Face Material	V2A Stainless Steel
Mounting Style	Shielded
Diameter	18 mm Threaded
Sensing Range:	10 mm
Output Type:	PNP
Output Function	Normally Open IO Link compatible
Connection	Quick-Connect
Connector Type	M12 A-Coded
Operating Voltage	10-30 V DC
Switching Frequency	15 Hz
Operating Temperature	-25C to +85C
Current Consumption	<10 mA
IP Rating:	IP68
EMC Rating	IEC 60947-5-2 (7.2.3.1) 1Kv
Shock Rating:	EC 60947-5-2 / 7.9
Short Circuit Protected	Yes
Reverse Polarity Protected	Yes
Max Current	<200 mA
Leakage Current	<0.1 mA
Surge Current	N/A
Response Time	<10 ms
Hysteresis	3-15% Sr
Overload Trip Point	220 mA
Weld Field Immune	Yes
Weld Spatter Resistant	Yes
Body Length (mm)	63.5 mm