Capacitive Proximity Sensor
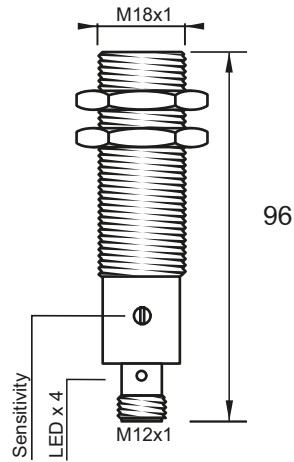
Dimensions

M18x1

96

Sensitivity

LED x 4

M12x1

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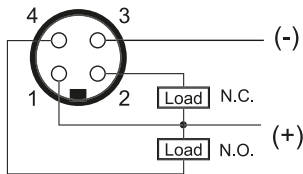
Part Number

CCU1-1808N-SRU4

Features

- Capacitive sensors for the reliable detection of liquids, plastics, powders, pellets and pastes
- Available in plastic or stainless steel housings
- Connectable with a pre-wired cable of any length or with a quick-connector
- Available with PNP, NPN, AC or AC/DC output functions
- Mountable with a shielded or unshielded construction with adjustable sensitivity

Connection

1 - Brown
2 - White
3 - Blue
4 - Black

4   3

1   2

(-)

Load N.C.

Load N.O.

(+)

Technical Data

Sensing Type	Capacitive Sensor
Body Style	Cylindrical
Sensor Housing Material	Stainless steel
Sensor Face Material	PBT
Mounting Style	Shielded
Diameter	18 mm
Sensing Range:	2-8 mm
Output Type:	NPN
Output Function	Normally Open and Normally Closed
Connection	Connect
Body Length	96
Operating Voltage	10-30 VDC
Switching Frequency	100 Hz
Operating Temperature	-25 ºC - +70 ºC
Overload Trip Point	350 mA
Hysteresis:	<15% (Sr)
IP Rating:	IP67
Shock Rating:	IEC 60947-5-2, Part 7.4.1/IEC 60947-5-2, Part 7.4.2
Short Circuit Protected	YES
Reverse Polarity Protected	YES
Connector Type	4-Pin EURO Quick-Connect
Current Consumption	<10 mA

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