Capacitive Proximity Sensor

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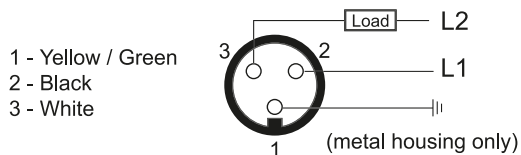
Dimensions

96

Part Number

CCP1-3020A-AZL2

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 - Yellow / Green
2 - Black
3 - White

Load — L2

L1

(metal housing only)

Technical Data

Sensing Type	Capacitive Sensor
Body Style	Cylindrical
Sensor Housing Material	PBT
Sensor Face Material	PBT
Mounting Style	Shielded
Diameter	30 mm
Sensing Range:	2-20 mm
Output Type:	AC
Output Function	Normally Open
Connection	Connect
Body Length	96
Operating Voltage	20-250 VAC
Switching Frequency	25 Hz
Operating Temperature	-25 ºC - +70 ºC
Overload Trip Point	—
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	NO
Reverse Polarity Protected	NO
Connector Type	Mini STYLE Quick-Connect
Current Consumption	<2.5 mA

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