Capacitive Proximity Sensor

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

Dimensions

Part Number

CCU1-3020P-SYU5

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

Technical Data

Sensing Type	Capacitive Sensor
Body Style	Cylindrical
Sensor Housing Material	Stainless steel
Sensor Face Material	PBT
Mounting Style	Shielded
Diameter	30 mm
Sensing Range:	2-20 mm
Output Type:	PNP
Output Function	Normally Open and Normally Closed
Connection	Connect
Body Length	-
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	With plug C164R siries
Current Consumption	<10 mA

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