



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

## Dimensions

30

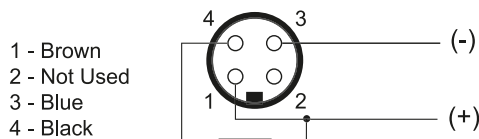
## Part Number

**CQP1-3010N-ARUT**

## 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                 | Square  |
| Sensor Housing Material    | PBT   |
| Sensor Face Material       | PBT   |
| Mounting Style             | Shielded  |
| Diameter                   | Square  |
| Sensing Range:             | 2-10 mm   |
| Output Type:               | NPN   |
| Output Function            | Normally Open                                       |
| Connection                 | Connect   |
| Body Length                | 30  |
| Operating Voltage          | 10-30 VDC   |
| Switching Frequency        | 100 Hz  |
| Operating Temperature      | -25 °C - +70 °C                                     |
| 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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