



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

**Dimensions**

40

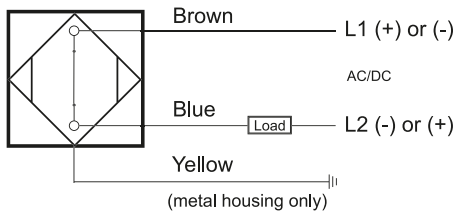
**Part Number**

**CQP1-4030U-B2L**

**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:             | 2-30 mm                                             |
| Output Type:               | AC-DC                                               |
| Output Function            | Normally Closed                                     |
| Connection                 | Pre-Wired Cable                                     |
| Body Length                | 40                                                  |
| Operating Voltage          | 20-250 VAC/DC                                       |
| Switching Frequency        | 25 Hz AC;40 Hz DC                                   |
| Operating Temperature      | -25 °C - +70 °C                                     |
| 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             | N_A                                                 |
| Current Consumption        | <2.5 mA                                             |



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