



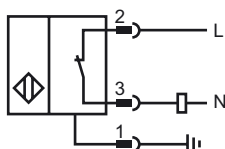
### Model Number

CJ15+U4+W-V12-N.C.

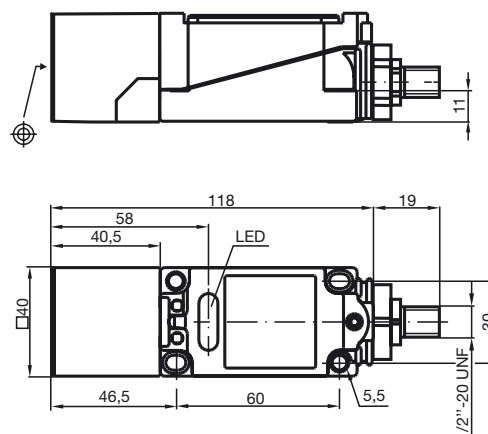
### Features

- 15 mm embeddable
- Surface mount
- 2-wire AC

### Connection



### Dimensions



### Technical Data

#### General specifications

|                            |       |               |
|----------------------------|-------|---------------|
| Switching element function | AC    | NO/NC         |
| Rated operating distance   | $s_n$ | 1 ... 30 mm   |
| Installation               |       | embeddable    |
| Output polarity            |       | AC            |
| Assured operating distance | $s_a$ | 0 ... 10.8 mm |

#### Nominal ratings

|                                   |       |                   |
|-----------------------------------|-------|-------------------|
| Operating voltage                 | $U_B$ | 20 ... 250 V AC   |
| Switching frequency               | $f$   | 0 ... 10 Hz       |
| Voltage drop                      | $U_d$ | $\leq 7$ V        |
| Operating current                 | $I_L$ | 10 ... 500 mA     |
| Off-state current                 | $I_r$ | 0 ... 2.5 mA typ. |
| Indication of the switching state |       | LED, red          |

#### Ambient conditions

|                     |                                |
|---------------------|--------------------------------|
| Ambient temperature | -25 ... 70 °C (-13 ... 158 °F) |
|---------------------|--------------------------------|

#### Mechanical specifications

|                   |                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------|
| Connection type   | Device connector 1/2"-20 UN , 3-pin                                                               |
| Housing material  | PBT/metal                                                                                         |
| Sensing face      | PBT                                                                                               |
| Protection degree | IP65                                                                                              |
| Note              | <sup>1)</sup> In the temperature range below 0 °C, permissible operating voltage $U_b$ 80...253 V |

#### Compliance with standards and directives

|                     |                                         |
|---------------------|-----------------------------------------|
| Standard conformity |                                         |
| Standards           | EN 60947-5-2:2007<br>IEC 60947-5-2:2007 |

#### Approvals and certificates

|              |                                |
|--------------|--------------------------------|
| UL approval  | cULus Listed, General Purpose  |
| CSA approval | cCSAus Listed, General Purpose |