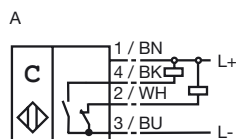
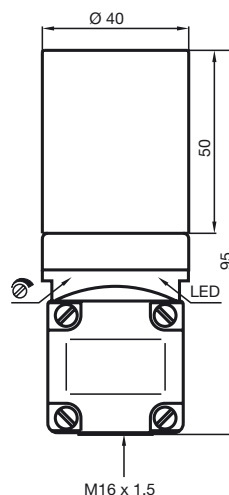


**Model Number**

CJ15-40-A

**Connection****Dimensions****Technical Data****General specifications**

|                            |       |               |
|----------------------------|-------|---------------|
| Switching element function | NPN   | Antivalent    |
| Rated operating distance   | $s_n$ | 15 mm         |
| Installation               |       | embeddable    |
| Output polarity            |       | DC            |
| Assured operating distance | $s_a$ | 0 ... 10.8 mm |

**Nominal ratings**

|                                   |       |                                    |
|-----------------------------------|-------|------------------------------------|
| Operating voltage                 | $U_B$ | 10 ... 30 V                        |
| Switching frequency               | $f$   | 0 ... 10 Hz                        |
| Reverse polarity protection       |       | protected against reverse polarity |
| Short-circuit protection          |       | pulsing                            |
| Voltage drop                      | $U_d$ | $\leq 3$ V                         |
| Operating current                 | $I_L$ | 0 ... 200 mA                       |
| No-load supply current            | $I_0$ | $\leq 20$ mA                       |
| Indication of the switching state |       | LED, red                           |

**Ambient conditions**

|                     |                               |
|---------------------|-------------------------------|
| Ambient temperature | -25 ... 70 °C (248 ... 343 K) |
|---------------------|-------------------------------|

**Mechanical specifications**

|                    |                           |
|--------------------|---------------------------|
| Connection type    | terminal compartment      |
| Core cross-section | up to 2.5 mm <sup>2</sup> |
| Housing material   | PBT                       |
| Sensing face       | PBT                       |
| Protection degree  | IP65                      |

**Compliance with standards and directives**

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