

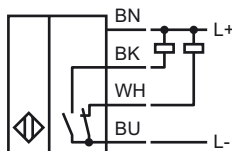
Model Number

CJ10-30GK-A

Features

- 10 mm not embeddable
- Comfort series
- The switching distance can be set over a wide range with the potentiometer

Connection

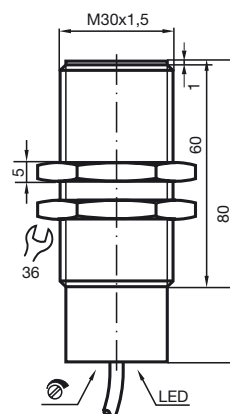


Accessories

BF 30

Mounting flange, 30 mm

Dimensions



Technical Data

General specifications

| | | | |
|----------------------------|-------|----------------|-------|
| Switching element function | | NPN | NO/NC |
| Rated operating distance | s_n | 10 mm | |
| Installation | | not embeddable | |
| Output polarity | | DC | |
| Assured operating distance | s_a | 0 ... 7.2 mm | |

Nominal ratings

| | | |
|----------------------------|-------|--|
| Operating voltage | U_B | 10 ... 60 V DC |
| Switching frequency | f | 0 ... 10 Hz |
| Reverse polarity protected | | reverse polarity protected |
| Short-circuit protection | | pulsing |
| Voltage drop | U_d | ≤ 2.8 V |
| Operating current | I_L | 0 ... 200 mA |
| Off-state current | I_r | 0 ... 0.5 mA typ. 0.1 μ A at 25 °C |
| No-load supply current | I_0 | ≤ 20 mA |

Indicators/operating means

| | |
|---------------|----------------------------|
| LED yellow | indication switching state |
| Potentiometer | sensitivity adjustment |

Ambient conditions

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

Mechanical specifications

| | |
|--------------------|----------------------|
| Connection type | cable PVC, 2 m |
| Core cross-section | 0.75 mm ² |
| Housing material | PBT |
| Sensing face | PBT |
| Protection degree | IP65 |

Compliance with standards and directives

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

Approvals and certificates

| | |
|--------------|---|
| UL approval | cULus Listed, General Purpose |
| CSA approval | cCSAus Listed, General Purpose |
| CCC approval | Certified by China Compulsory Certification (CCC) |