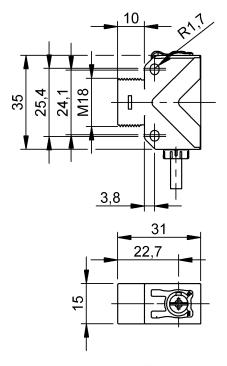
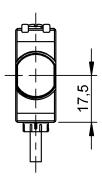
Photoelectric Sensors BOS R81K-X-IS10-02 Order Code: BOS028T





Basic features

| Approval/Conformity | CE |
|-----------------------------------|----------------------------|
| | cULus |
| | UKCA |
| | WEEE |
| Principle of operation | Photoelectric sensor |
| Scope of delivery | Mounting bracket |
| Series | R81K |
| Style | Square with M18 Bullnose |
| Display/Operation | |
| Display | supply voltage - LED green |
| Electrical connection | |
| Cable diameter D | 3.9 mm |
| Cable length L | 2 m |
| Connection | Cable, 2 m, PVC |
| Number of conductors | 2 |
| Polarity reversal protected | yes |
| Protection against device mix-ups | yes |
| Electrical data | |
| Operating voltage Ub | 1030 VDC |
| | |
| Rated operating voltage Ue DC | 24 V |



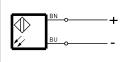
Environmental conditions

| Ambient temperature | -1560 °C |
|--------------------------------|-------------------------------|
| IP rating | IP67 |
| | |
| Functional safety | |
| MTTF (40 °C) | 390 a |
| Madavial | |
| Material | |
| Housing material | ABS |
| | PMMA |
| Material jacket | PVC |
| Material sensing surface | PMMA |
| Maabawiaalalata | |
| Mechanical data | |
| Mounting part | M18x1 |
| | Screw M3 (2x) |
| Optical features | |
| Light type | Infrared |
| Principle of optical operation | Through-beam sensor (Emitter) |
| Wave length | 850 nm |
| | |
| Range/Distance | |
| Range | 0.320 m |
| | |

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BALLUFF

Wiring Diagrams



Opto Symbols

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