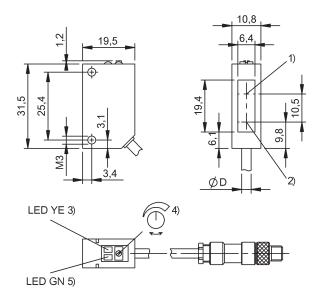
BOS 5K-PS-ID10-00,2-S75 **BOS01C7**







1) Optical axis receiver 2) Optical axis emitter 3) Output function 4) Sn 5) Stability

ves

- Photoelectric sensor
- Series 5K
- Infrared
- up to 1 m



General attributes

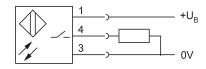
Potentiometer 270° (1x) Adjuster Approvals / Conformity Basic standard IEC 60947-5-2 Enclosure Type per IEC 60529 IP67 Stability - LED GN Indicator Output function - LED YE Polarity reversal protected yes Series 5K Series Setting Switching distance (Sn)

Short circuit protected Electrical attributes

Connection type Eff. operating current le Connector 100 mA Eff. operating voltage Ue DC 24.0 V Electrical version
No-load current max. Io at Ue DC, direct current 30 mA Operating voltage UB max. DC [V] 30.0 V Operating voltage UB min. DC [V] Ripple max. (% of Ue) 10.0 V 8 % 500 Hz Switching freq. f max. (at Ue) NO (pin 4) PNP (1x) Switching function Switching output Turn on time ton max. 1.00 ms Voltage drop Ud max. (at le) 1.2 V

Mechanical attributes

55 °C Ambient temperature Ta max.





-25 °C M8x1-S75 Ambient temperature Ta min. Connector type
Detection range Sd 0...900 mm 900 mm PC. PBT Eff. operating distance Sr Housing material Length 1 10.8 mm Length 2 19.5 mm Length 3 Minimum operating distance 31.5 mm 0 mm Mounting type Screw M3 Sn = 900 mm, adjustable Range Sn Sensing face material Style Block, 45° connection

Optical attributes

Light type
Principle of optical operation Infrared Light scanner, energetic NO: light-on Switching function, optical

Additional text

The sensor is functional again after the overload has been eliminated. Reference object (target): Gray card, 200 x 200,

90 % remission, axial approach.

Only for NFPA 79 applications (machines with a supply voltage of maximum 600 volts). Device shall be connected only by using any R/C (CYJV2) cord, having suitable ratings. For additional information, refer to user's guide. Order accessories separately.

