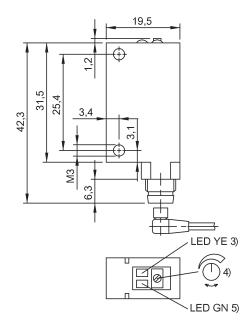
Photoelectric sensor

BOS 5K-NS-RD11-S75 BOS011C





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

- Photoelectric sensor
- Series 5K
- LED, red light
- up to 200 mm

General attributes

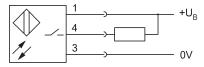
Adjuster Approvals / Conformity

Basic standard Enclosure Type per IEC 60529 Indicator

Polarity reversal protected Series Setting Short circuit protected Trademark

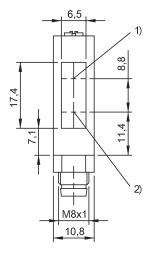
Electrical attributes

Connection type Eff. operating current le Eff. operating voltage Ue DC Electrical version No-load current max. lo at Ue Operating voltage UB max. DC [V] Operating voltage UB min. DC [V] Ripple max. (% of Ue) Switching freq. f max. (at Ue) Switching function Switching output Turn on time ton max. Voltage drop Ud max. (at le)



Potentiometer 270° (1x) cULus CE IFC 60947-5-2 IP67 Stability - LED GN Output function - LED YE yes Series 5K Switching distance (Sn) yes GLOBAL

Connector 100 mA 24.0 V DC, direct current 30 mA 30.0 V 10.0 V 8 % 500 Hz NO (pin 4) NPN (1x) 1.00 ms 1.2 V





Mechanical attributes

Ambient temperature Ta max. Ambient temperature Ta min. Connector type Detection range Sd Eff. operating distance Sr Housing material Length 1 Length 2 Length 3 Minimum operating distance Mounting type Range Sn Sensing face material Style

Optical attributes

Light type Principle of optical operation Switching function, optical

Additional text

The sensor is functional again after the overload has been eliminated. Reference object (target): Gray card, 100 x 100

90 % remission, axial approach. For additional information, refer to user's guide.

Order accessories separately. 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.

55 °C -25 °C

M8x1-S75 50...200 mm

200 mm

PC, PBT

10.8 mm 19.5 mm

43.5 mm

Sn = 200 mm, adjustable

Block, 90° connection

Light scanner, energetic

LED, red light

NO: light-on

50 mm Screw M3

PC



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