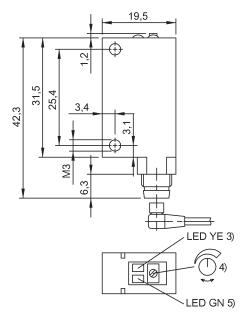
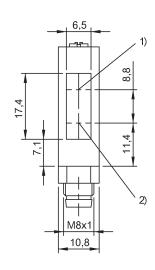
BOS 5K-NS-RD11-S49 BOS015R









- 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]

1 Ripple max. (% of Ue)

Switching freq. f max. (at Ue)

Switching output

Turn on time ton max.

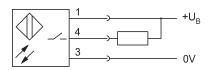
Voltage drop Ud max. (at le)

Potentiometer 270° (1x)

cULus
CE
IEC 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 NPN (1x) 1.00 ms 1.2 V







Mechanical attributes

55 °C -25 °C Ambient temperature Ta max. Ambient temperature Ta min. M8x1-S49 50...200 mm Connector type Detection range Sd Eff. operating distance Sr 200 mm Housing material PC, PBT Length 1 Length 2 10.8 mm 19.5 mm Length 3 43.5 mm Minimum operating distance Mounting type 50 mm Screw M3

Mounting type Screw M3

Range Sn Sn = 200 mm, adjustable

Sensing face material PC

Style Block, 90° connection

Optical attributes

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

Additional text

Order accessories separately. For additional information, refer to user's guide. Reference object (target): Gray card, 100 x 100

90 % remission, axial approach.

The sensor is functional again after the overload has been eliminated.

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.

