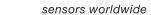
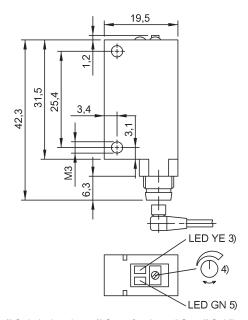
### BOS 5K-NO-RD11-S49 BOS015T



BALLUFF





Potentiometer 270° (1x)

cULus

IFC 60947-5-2

Stability - LED GN

Output function - LED YE

Switching distance (Sn)

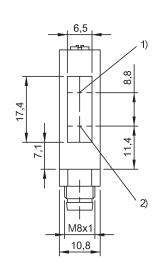
CE

IP67

yes

Series 5K

yes GLOBAL



- 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

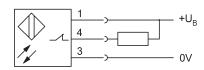
Polarity reversal protected

Series Setting Short circuit protected

Trademark

#### Electrical attributes

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







#### Mechanical attributes

Ambient temperature Ta max.

Ambient temperature Ta min.

-25 °C

Connector type

M8x1-S49

Detection range Sd

50...200 mm

Eff. operating distance Sr

Housing material

PC, PBT

Length 1

Length 2

19.5 mm

Minimum operating distance

50 mm

Mounting type

Screw M3

 Minimum operating distance
 50 mm

 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 NC: dark-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.

