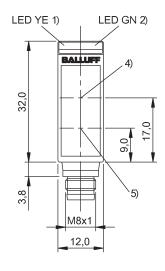
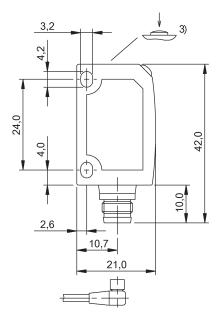
BOS 6K-PU-10C-S75-C Order code: BOS00A9



sensors worldwide







1) Light reception 2) Stability 3) Sn, Light-on/Dark-on 4) Optical axis receiver 5) Optical axis emitter

- Photoelectric sensor
- Series 6K
- LED, red light
- up to 500 mm

General attributes

Adjuster Approvals / Conformity

Basic standard Enclosure Type per IEC 60529 Indicator

Input function

Polarity reversal protected Protection Class Series Setting

Short circuit protected

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] Switching freq. f max. (at Ue) Switching function Switching output Turn on time ton max. Voltage drop Ud max. (at le)

Key (1x) cULus IEC 60947-5-2 **IP67** Stability - LED GN Light receipt - LED YE Key disable on/off Same function as key yes Series 6K Light-on/dark-on Factory setting (Reset) Switching distance (Sn)

Connector 100 mA 24.0 V DC, direct current 25 mA 30.0 V 10.0 V 1000 Hz NO/NC PNP (1x) 0.50 ms

2.4 V







60 °C

-20 °C

M8x1-S75

300 mm

12.0 mm

21.0 mm

32.5 mm

Sn = 300 mm, adjustable

12 mm x 12 mm at 160 mm

Light scanner, energetic NO/NC: light-on/dark-on

Block, 90° connection

20 mm Screw M3

PMMA

660 nm

LED, red light

ABS

20...300 mm

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 spot size, typical Light type Principle of optical operation Switching function, optical Wavelength

Additional text

Do not press key using a pointed tool. Order accessories separately. 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.

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.

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