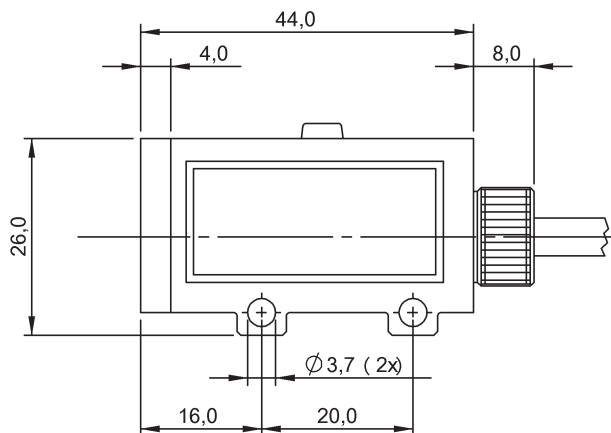
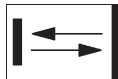


1) Optical axis 2) Sn 3) Output function 4) Stability

- Photoelectric sensor
- Series 15K
- Infrared
- up to 500 mm

**General attributes**

Adjuster
Approvals / Conformity
Basic standard
Enclosure Type per IEC 60529
Indicator

Input function

Polarity reversal protected
Series
Setting
Short circuit protected

Electrical attributes

Connection type
Eff. operating current I_e
Eff. operating voltage U_e DC
Electrical version
Load capacitance max. (at U_e)
No-load current max. I_o at U_e
Operating voltage U_B max. DC [V]
Operating voltage U_B min. DC [V]
Rated insulation voltage U_i

Potentiometer 270° (1x)
CE
IEC 60947-5-2
IP66
Stability - LED GN
Output function - LED RD
light-on/dark-on
Switching output PNP/NPN
yes
Series 15K
Switching distance (Sn)
yes

Cable
100 mA
24.0 V
DC, direct current
0.50 μ F
30 mA
30.0 V
10.0 V
75 V DC

Ripple max. (% of U_e)
Switching freq. f max. (at U_e)
Switching function
Switching output
Turn on time t_{on} max.
Voltage drop U_d max. (at I_e)

Mechanical attributes

Ambient temperature T_a max.
Ambient temperature T_a min.
Cable diameter D max.
Cable jacket material
Cable length
Conductor cross-section
Detection range S_d
Eff. operating distance S_r
Housing material
Length 1
Length 2
Length 3
Minimum operating distance
Mounting type
Number of conductors
Range Sn

8 %
500 Hz
NO/NC
PNP/NPN (1x)
1.00 ms
1.5 V

55 °C
-15 °C
5.0 mm
PVC
2.00 m
0.25 mm²
1...500 mm
500 mm
ABS
13.0 mm
52.0 mm
28.0 mm
1 mm
Screw M3
5
Sn = 500 mm, adjustable

Photoelectric sensor
BOS 15K-S-C50-02
Order code: **BOS00FU**

Sensing face material
Style

PMMA
Block, straight connection

Optical attributes

Light type
Principle of optical operation
Switching function, optical
Wavelength

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

Additional text

Reference object (target): Gray card, 200 x 200,

90 % remission, axial approach.
For additional information, refer to user's guide.
Order accessories separately.
The sensor is functional again after the overload has been eliminated.

