

PX1180

Photoelectric Sensor

BOS 65K-5-M110T-2P-S 4

Sn=1100mm

Diffuse, Background suppression

Common Data

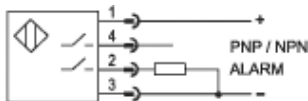
| | |
|-------------------------------------|---------------------------------|
| Series | 65K |
| Sensortype | Diffuse, Background suppression |
| Switching frequency | 500 Hz |
| Rated operating distance Sn in mm | 1100 |
| asured operating distance Sa | adjustable |
| Repeat accuracy | < 5% from Sn |
| Hysteresis | < 1% |
| Indication Switching element on | yes, red LED |
| Indication Special funktion | LED green Stability indicator |
| Ambient temperature | -20...+55°C |
| On-delay | < 1ms |
| Off-delay | < 1ms |
| Light | Infrared |
| Sensitivity Adjustment | Poti |
| Blind zone / min Reflector distance | 200mm/- |
| Special funktion | Background suppression |
| Permissable ambient light | 3000 Lux |
| Output funktion | light-on or dark-on |

Mechanical Data

| | |
|--------------------------|---------------------------------|
| Measurements | 85x72,5x32 |
| Shock | Halfsinus, 30gn, 11ms |
| Vibration | 10...55Hz, 1,5mm Amplitude 3x2h |
| Housing material | Polycarbonat |
| Material of sensing face | PMMA |
| Degree of protection | IP67 |
| Connection | Connector S4 (M12) |
| Weigth | 160g |

Electrical Data

| | |
|------------------------------|-------------|
| Current | DC |
| Switching funktion | NO/NC |
| Output | PNP/NPN |
| Rated operational current Ie | 200mA |
| Supply Voltage | 10...30V DC |
| Ripple | - |
| Frequency of Supply Voltage | AC/DC |
| Voltage drop | <2V |
| Short protection | yes |
| Rated insulation voltage | 75V DC |
| max. Load capacity | 0,33μF |



Utilization categories
Insulation class

Datasheet number:

Definitions see general catalog.
If not otherwise noted, ratings according to
IEC 60947-5-2 (DIN EN60947-5-2)

Balluff GmbH
Schurwaldstrasse 9
73765 Neuhausen a.d.F.
Phone (07158) 173-0 Fax (07158) 5010

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