

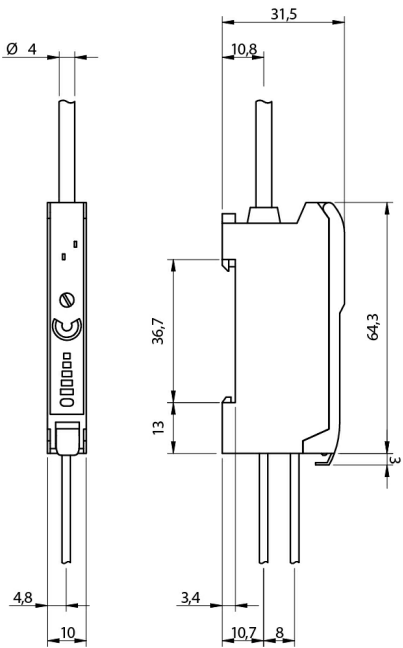


Indicative image



PHOTOELECTRIC SENSORS FOR DIN-RAIL MOUNTING

- Models with trimmer sensitivity
- Models with Teach-In
- Double digital display
- High switching frequency
- Approvals: CE



Detection properties

Nominal sensing distance	Depending on fibre used
Repeat Accuracy	5%
Sensitivity adjustment	8 turn trimmer

Application

Optic position	Axial
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Outputs

Output type	NPN
Output Function	LO/D0
Switching frequency	Standard
Response time	200 µs max

Electrical data

Operating Voltage	12...24Vdc
No-Load supply current	< 35 mA
Load current	50 mA max

Leakage current	< 10 μ A
Output voltage drop	1 V max
Max ripple content	$\leq$ 10 %
LED indicators	Orange (output active); green (n.4 - received signal level); red (no received signal)
Time delay before availability	$\leq$ 200 ms
Short-circuit protection	Yes
Reverse Polarity Protection	Yes
Emission	Red (680 nm)
Interference to external light	10.000lux (incandescent lamp), 20.000lux (sunlight)

Mechanical data

Dimensions	10x31.5x64.3 mm
Weight	70 g (approx.)
Housing Material	PBT (housing); PC (cover)
Connections	2m PVC cable
Operating temperature	- 25°C...+ 55°C (without freeze)
Storage temperature	- 30°C...+ 70°C (without freeze)

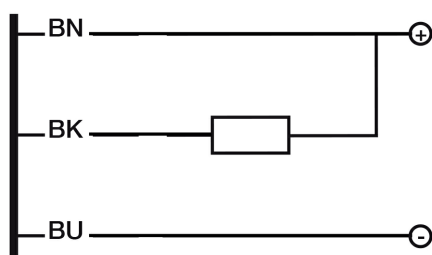
Test/Approvals

Approvals	CE
EMC compatibility	EN 60947-5-2
Degree of protection	IP67

Generical Data

Dimensions	10x31.5x64.3 mm
Operating Temperature	- 25°C...+ 55°C (without freeze)
Mechanical Protection	IP67

ELECTRICAL DIAGRAMS OF THE CONNECTIONS



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