

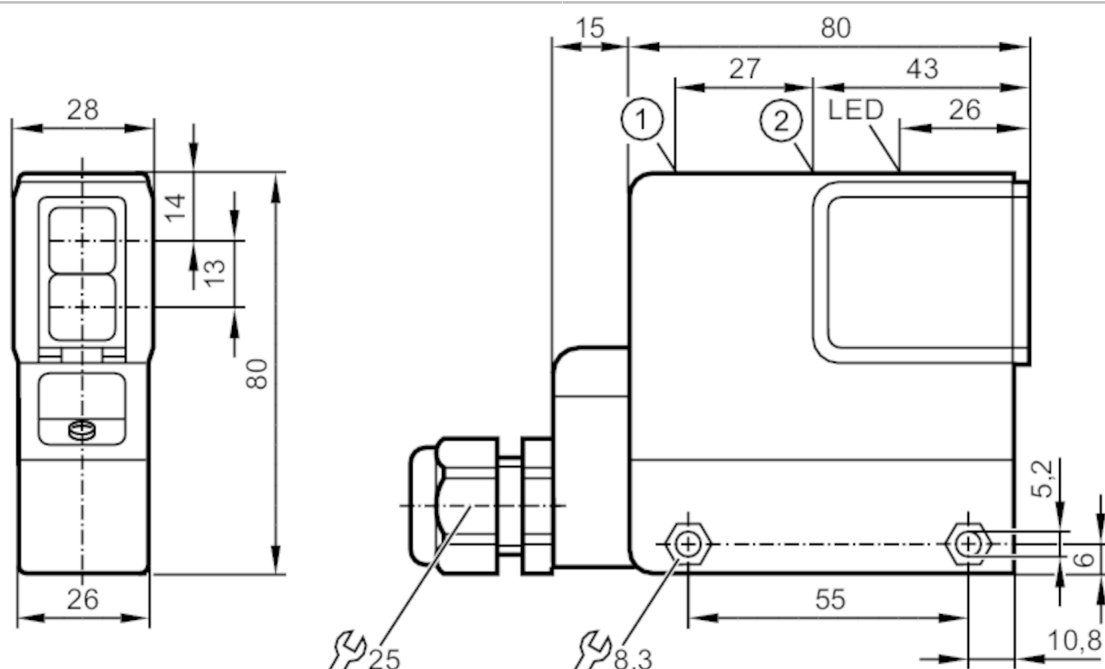
Retro-reflective sensor

OSP-FBOA/T

Article no longer available - archive entry

Alternative articles: OS0033

When selecting an alternative article and accessories please note that technical data may differ!



- 1 potentiometer timer
2 potentiometer sensitivity
Receiver in upper lens
transmitter in lower lens

Product characteristics

Type of light	red light
Housing	rectangular

Application

System	polarization filter
Function principle	Retro-reflective sensor

Electrical data

Operating voltage [V]	20...250 AC/DC
Protection class	II
Reverse polarity protection	no
Type of light	red light
Wave length [nm]	660

Outputs

Output function	light-on/dark-on mode; (configurable)
Max. voltage drop switching output DC [V]	10.5
Max. voltage drop switching output AC [V]	10.5
Minimum load current [mA]	15
Max. leakage current [mA]	8



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Permanent current rating of switching output AC	[mA]	250; (350 (...50 °C))
Permanent current rating of switching output DC	[mA]	250; (350 (...50 °C))
Short-time current rating of switching output	[mA]	2200; (10 ms / 0,5 Hz)
Switching frequency AC	[Hz]	250
Switching frequency DC	[Hz]	250
Short-circuit proof		no
Overload protection		no
Time function	[s]	0.01...5

Monitoring range

Range	[m]	< 6; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes
Polarization filter available		yes

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 65

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Weight	[g]	0.269
Housing		rectangular
Dimensions	[mm]	80 x 28 x 95
Material		PPO modified
Lens material		glass

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Accessories

Items supplied	Angle bracket: 1, E20210
	screwdrivers

Remarks

Remarks	Recommendation: check the unit for reliable function after a short circuit.
Pack quantity	1 pcs.



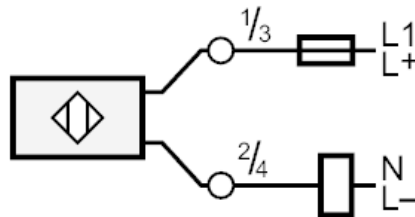
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Electrical connection

terminals: ...1.5 mm²; Cable gland: M20 X 1.5

Connection



Note : miniature fuse to IEC60127-2 sheet 1 ≤ 2 A fast acting