



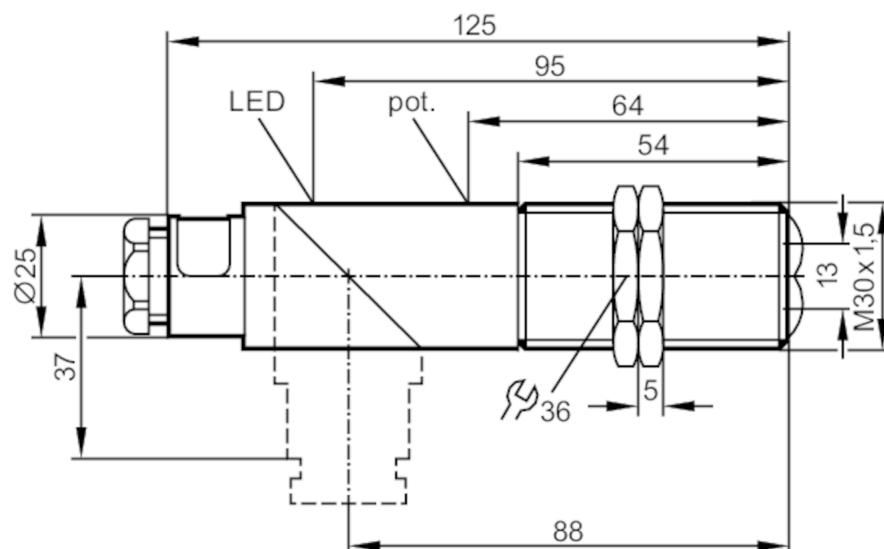
Retro-reflective sensor

OIR-FBOW

Article no longer available - archive entry

Alternative articles: OI0001

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



Product characteristics

Housing

Threaded type

Application

Function principle

Retro-reflective sensor

Electrical data

Frequency AC

[Hz]

47...63

Operating voltage

[V]

20...250 AC

Reverse polarity protection

no

Outputs

Output function

light-on/dark-on mode; (configurable)

Max. voltage drop switching output AC

[V]

4

Max. leakage current

[mA]

12

Permanent current rating of switching output AC

[mA]

300

Short-time current rating of switching output

[mA]

2200; (10 ms / 0,5 Hz)

Switching frequency AC

[Hz]

15

Short-circuit proof

no

Overload protection

no

Monitoring range

Range

[m]

< 4; (Prismatic reflector Ø 80 E20005)

Range adjustable

yes

Operating conditions

Ambient temperature

[°C]

-25...60



Retro-reflective sensor

OIR-FBOW

Protection	IP 65
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Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Weight	[g]	0.123
Housing		Threaded type
Dimensions	[mm]	M30 x 1.5 / L = 125
Thread designation		M30 x 1.5
Material		PPO modified
Lens material		glass

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Accessories

Items supplied	lock nuts: 2
	screwdrivers

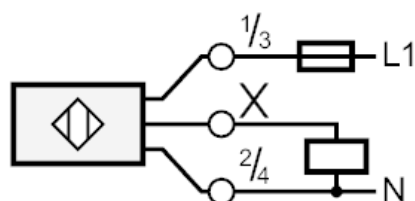
Remarks

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

Electrical connection

terminals: ...1.5 mm²; Cable sheath: Ø 7...13 mm; Cable gland: M20 X 1.5

Connection



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