

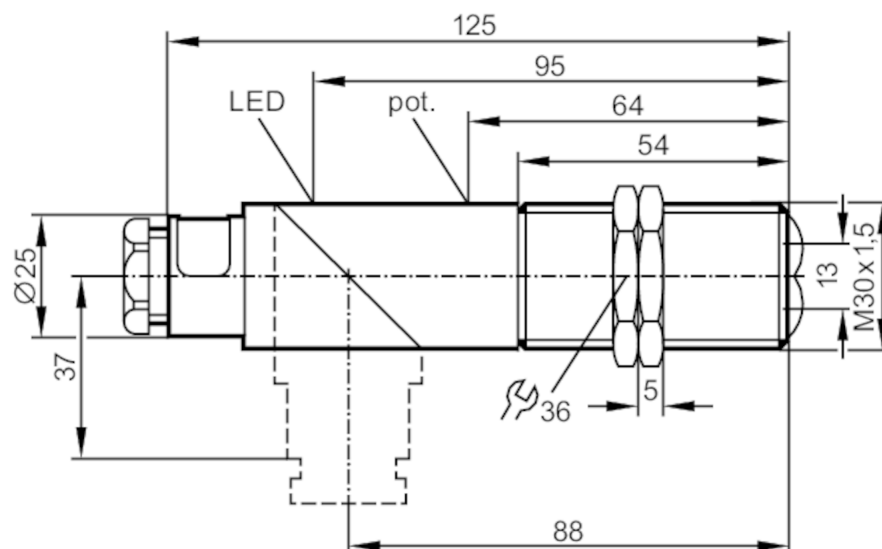
Retro-reflective sensor

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
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Application

Function principle	Retro-reflective sensor
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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; (parameterisable)
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

Detection zone

Range	[m]	< 4; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes

Operating conditions

Ambient temperature	[°C]	-25...60
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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
Materials		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

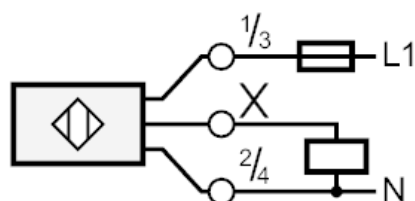
Remarks

Remarks	Recommendation: Check the safe functioning of the unit 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