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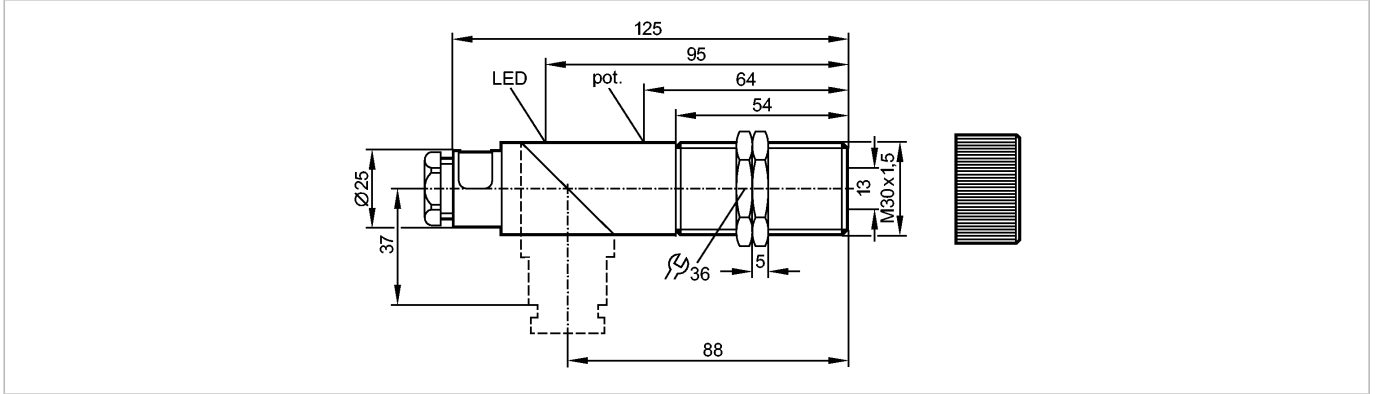
efector200

OI5020



OIF-FNKG

Photoelectric sensors



Product characteristics

Fiber-optic amplifier

Threaded type

M30 x 1.5

Terminals

Sensing range 300mm

Range 70mm

adjustable

Electrical data

Electrical design

DC NPN

Operating voltage [V]

10...55 DC

Current consumption [mA]

30 (24 V)

Type of light

Infrared light 880 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

100

Monitoring range

Sensing range [m]

0.3

Range [mm]

70

Environment

Ambient temperature [°C]

-25...80

Protection

IP 65

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

659

Mechanical data

Housing materials

PBT; modified PPO

Lens material

PMMA

Weight [kg]

0.124

Displays / operating elements

Output status indication

LED

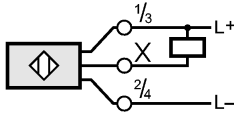
yellow

Electrical connection

OI5020 - Fiber-optic amplifier - eclass: 27270905 / 27-27-09-05

Connection	terminals up to 1.5 mm ² ; cable diameter 7...13 mm, cable gland M20 x 1.5
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Wiring



Accessories

Accessories (included)	2 lock nuts; screwdriver
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Remarks

Remarks	<p>When through-beam fibre optics are connected light-on mode means the output function "NC" and when diffuse reflection fibre optics are connected the output function "NO".</p> <p>When through-beam fibre optics are connected dark-on mode means the output function "NO" and when diffuse reflection fibre optics are connected the output function "NC"</p>
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Pack quantity [piece]	1
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