



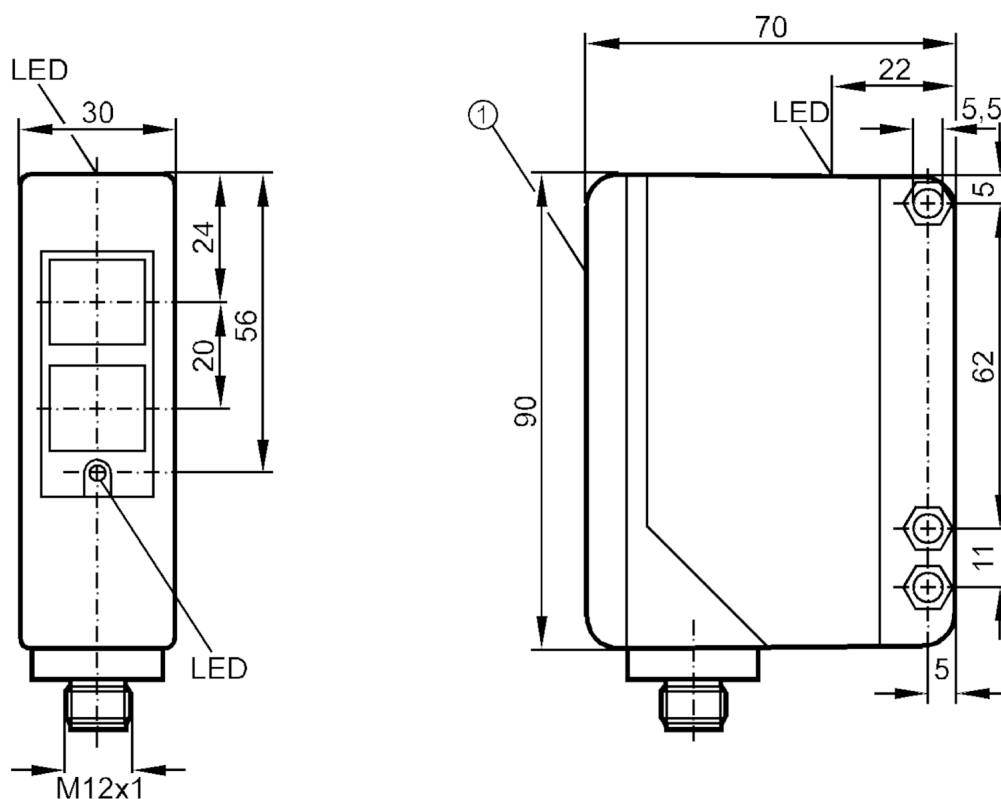
Retro-reflective sensor

OAP-FPKG/US

Article no longer available - archive entry

Alternative articles: O4P500

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



- 1 selection switch and potentiometer under cover
receiver in upper lens
transmitter in lower lens

Product characteristics

Type of light	red light
Housing	rectangular

Application

Special feature	polarisation filter; Function check output
Function principle	Retro-reflective sensor

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 50
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

Outputs

Electrical design	PNP
Output function	light-on/dark-on mode; (parameterisable)



Retro-reflective sensor

OAP-FPKG/US

Function check output	yes
Max. current load for function check output [mA]	10
Permanent current rating of switching output DC [mA]	250
Max. current load in dual output mode [mA]	100
Switching frequency DC [Hz]	300
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Range [m]	< 8; (Prismatic reflector Ø 80 E20005)
Range adjustable	yes
Polarisation 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]	0.296
Housing	rectangular
Materials	PPO modified
Lens material	PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red

Аксессуары

Items supplied	Angle bracket
	screwdrivers

Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection

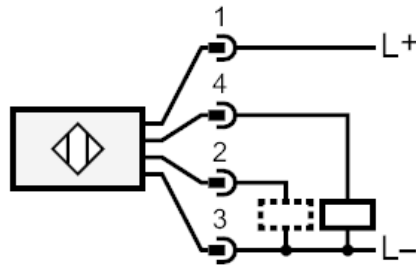
Connector: 1 x M12; coding: A



Retro-reflective sensor

OAP-FPKG/US

Connection



2

Function check output