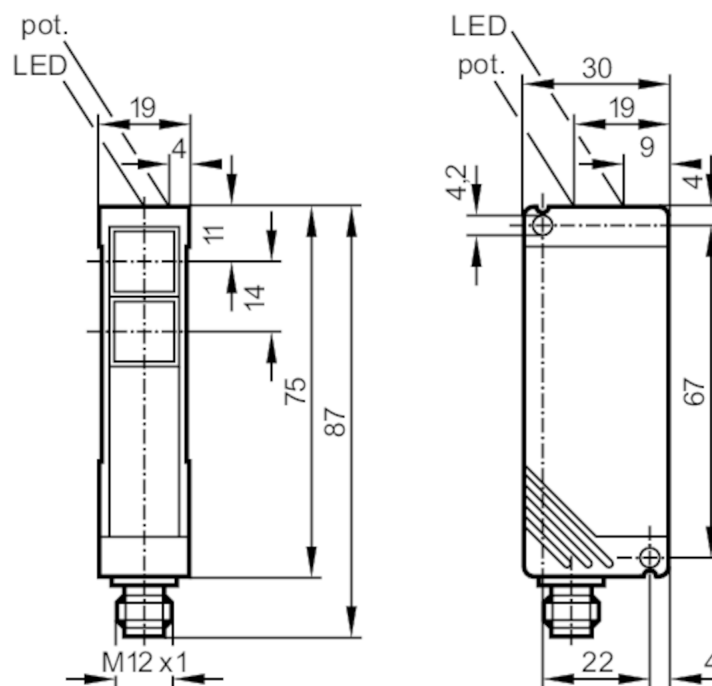


Retro-reflective sensor

OTP-FPKG/US-100-IPF

Article no longer available - archive entry



receiver in lower lens
transmitter in upper lens

Product characteristics

Type of light	red light
Housing	rectangular

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

Electrical data

Operating voltage	[V]	10...55 DC
Current consumption	[mA]	35; ((24 V))
Protection class		II
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)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	150
Short-circuit protection		yes

OT5048



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Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone	
Range [m]	0.2...2; (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	
Housing	rectangular
Dimensions [mm]	75 x 19 x 30
Materials	PBT
Lens material	PMMA

Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green

Accessories	
Items supplied	Angle bracket: 1, E20461
	screwdrivers

Remarks	
Pack quantity	1 pcs.

Electrical connection	
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Connector: 1 x M12; coding: A





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Connection

