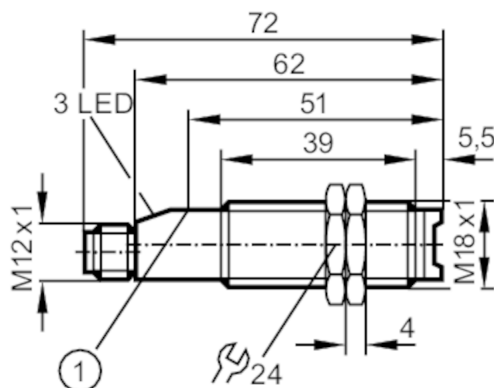


Through-beam sensor receiver

OGELFPKG/V4A/US-100

Article no longer available - archive entry



1 pushbutton

Product characteristics

Type of light	red light
Housing	threaded type

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 24
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	675

Outputs

Electrical design		PNP
Output function		light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output DC	[V]	2.5
Max. voltage drop of function check output	[V]	3.5
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	500
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Transmitter / receiver		receiver
Range	[m]	< 6
Range adjustable		yes



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Diameter of the smallest detectable object	[mm]	1
Max. light spot diameter	[mm]	10
Light spot dimensions refer to		at maximum range

Operating conditions

Ambient temperature	[°C]	-10...50
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B

Mechanical data

Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 72
Thread designation		M18 x 1
Materials		stainless steel (316L/1.4404); PBT
Lens material		PMMA

Displays / operating elements

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

Accessories

Items supplied		lock nuts: 2
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Remarks

Pack quantity		1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A



Connection

