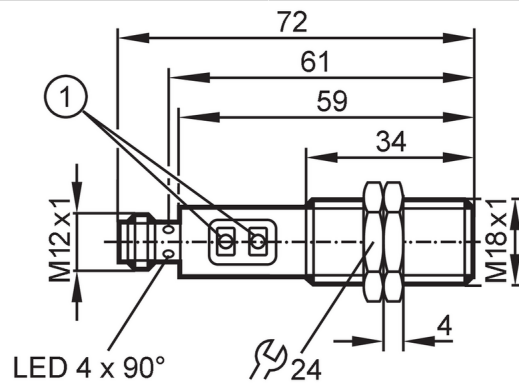


OGE500



Through-beam sensor receiver

OGE-FPKG/US100



1 Programming buttons



Product characteristics

Type of light	red light
Housing	Threaded type

Application

Function principle	Through-beam sensor
Application	Industrial applications

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	11
Protection class	II
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	624

Outputs

Electrical design	PNP
Output function	light-on/dark-on mode; (programmable)
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	150; (200 (...60 °C))
Switching frequency DC [Hz]	1000
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Transmitter / receiver	receiver
Range [m]	< 25
Factory setting	dark-on mode
Range adjustable	yes

OGE500



Through-beam sensor receiver

OGE-FPKG/US100

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	786

Mechanical data

Weight	[g]	50
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 72
Thread designation		M18 x 1
Material		stainless steel (1.4404 / 316L); PA; LCP; EPDM; TPU (urethane)
Lens material		front lens:PMMA

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Accessories

Items supplied		lock nuts: 2
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Remarks

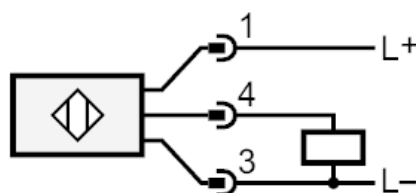
Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4



Connection





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Diagrams and graphs

excess gain graph

