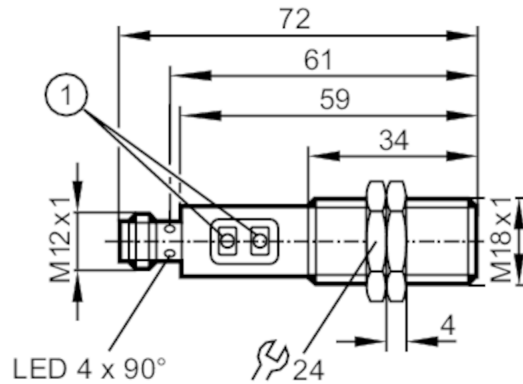


# OGE500



## Through-beam sensor receiver

OGE-FPKG/US100



1 programming buttons



### Application

Function principle Through-beam sensor

### 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	pulsed
Overload protection	yes

### Detection zone

Transmitter / receiver	receiver
Range [m]	< 25
Factory setting	\$Dunkelschaltung
Range adjustable	yes

### Operating conditions

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

# OGE500



## Through-beam sensor receiver

OGE-FPKG/US100

### Tests / approvals

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

### Mechanical data

Weight	[g]		62
Housing			threaded type
Dimensions	[mm]		M18 x 1 / L = 72
Thread designation			M18 x 1
Materials			stainless steel (1.4404 / 316L); PA; LCP; EPDM; TPU
Lens material			PMMA

### Displays / operating elements

Display		switching status	1 x LED, yellow
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### Accessories

Accessories (supplied)			lock nuts: 2 x
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### Remarks

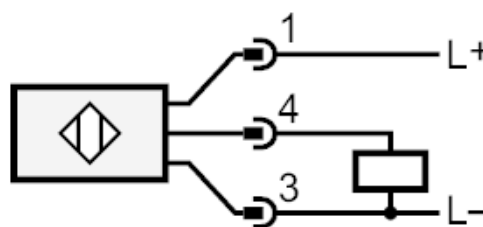
Remarks			operating voltage "supply class 2" according to cULus
Pack quantity			1 pcs.

### Electrical connection

Connector: 1 x M12



### Connection





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OGE-FPKG/US100

### Diagrams and graphs

excess gain graph

