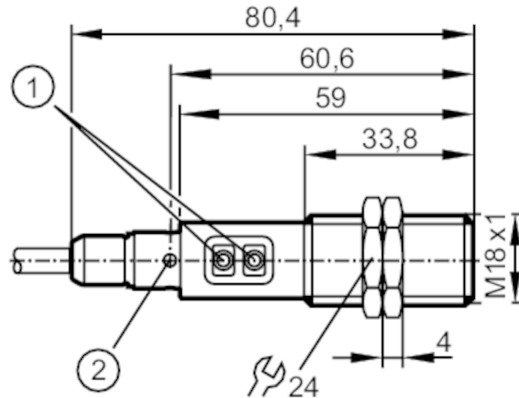


OGE502



Through-beam sensor receiver

OGE-FPKG/2M



- 1 programming buttons
- 2 x LED 4 x 90°



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

OGE502

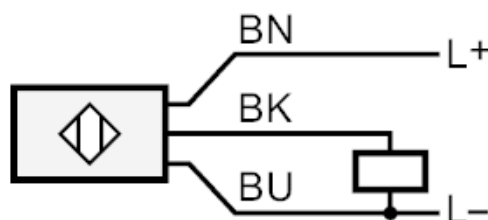


Through-beam sensor receiver

OGE-FPKG/2M

Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	786
Mechanical data		
Weight	[g]	120
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 80.4
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
Accessories		
Accessories (supplied)		lock nuts: 2 x
Remarks		
Remarks		operating voltage "supply class 2" according to cULus
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PUR; 3 x 0.34 mm ²		

Connection



Core colours :

- BK = black
- BN = brown
- BU = blue