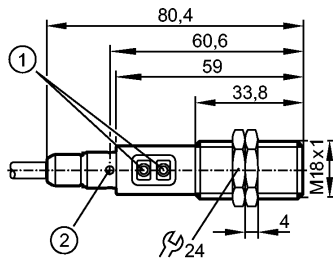


OGT501

OGT-FPKG/2M

Photoelectric sensors



- 1: Programming buttons
- 2: LED 4 x 90°



Product characteristics

Diffuse reflection sensor
Threaded type
M18 x 1
Cable
Teach function
Electronic lock
Range 2...800mm (Range referred to white paper 200 x 200 mm, 90 % remission)
adjustable

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...36 DC
Current consumption [mA]	25
Type of light	red light 624 nm
Protection class	II
Reverse polarity protection	yes

Outputs

Output function	light-on / dark-on programmable via pushbutton
Factory setting	light-on mode
Voltage drop [V]	< 2.5
Current rating [mA]	150; 200 (...60 °C)
Short-circuit protection	yes (non-latching)
Overload protection	yes
Switching frequency [Hz]	2000

Monitoring range

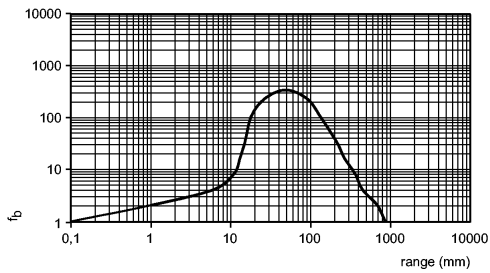
Range [mm]	2...800 (Range referred to white paper 200 x 200 mm, 90 % remission)
Light spot diameter [mm]	66 (at maximum range)

Excess gain graphs

OGT501

OGT-FPKG/2M

Photoelectric sensors



Measuring / setting range

Setting range	[mm]	150...800
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Environment

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

Tests / approvals

EMC		EN 60947-5-2
MTTF	[Years]	473

Mechanical data

Housing materials		stainless steel 316L / 1.4404; PA; LCP; EPDM; TPU (urethane)
Lens material		PMMA
Weight	[kg]	0.122

Displays / operating elements

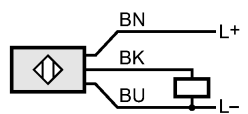
Output status indication	LED	yellow
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Electrical connection

Connection		PUR cable / 2 m; 3 x 0.34 mm ²
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Wiring

- Core colors
- BK black
- BN brown
- BU blue



Accessories

Accessories (included)		2 lock nuts
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Remarks

Remarks		cULus - Class 2 source required
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Pack quantity	[piece]	1
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