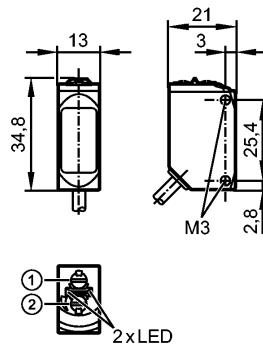


O6E300

O6E-FPKG

Photoelectric sensors



- 1: output function switch
- 2: potentiometer sensitivity

Made in Germany



Product characteristics

Through-beam sensor
Rectangular Metal
Cable
adjustable
Receiver
Sensing range 10m

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...30 DC
Current consumption [mA]	7 (24 V)
Type of light	Red light 633 nm
Protection class	III
Reverse polarity protection	yes

Outputs

Output function	light-on/dark-on mode selectable
Voltage drop [V]	< 2.5
Current rating [mA]	100
Short-circuit protection	pulsed
Switching frequency [Hz]	1000

Range

Sensing range [m]	10
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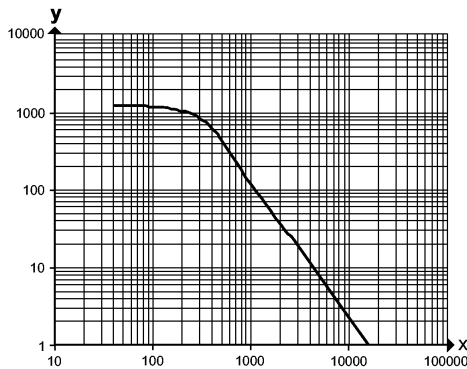
Excess gain graphs

x: distance in [mm]
y: excess gain factor

O6E300

O6E-FPKG

Photoelectric sensors



Environment

Ambient temperature	[°C]	-25...80
Protection		IP 65 / IP 67 ; IP 68 / IP 69K

Tests / approvals

EMC		EN 60947-5-2
MTTF	[Years]	1014
UL approval number		E003

Mechanical data

Housing materials		housing: stainless steel 316L / 1.4404; plastics: PPSU
Lens material		PMMA
Weight	[kg]	0.084

Displays / operating elements

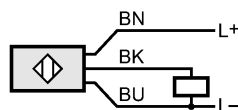
Output status indication	LED	yellow
Operation	LED	green

Electrical connection

Connection		PVC cable / 2 m; 3 x 0.25 mm ²
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Wiring

Core colours
 BK black
 BN brown
 BU blue



Remarks

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