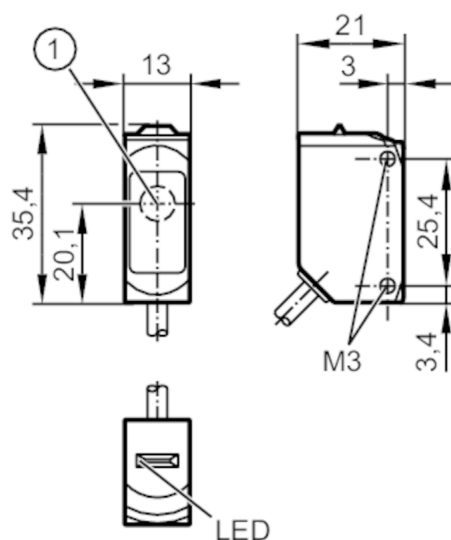


Through-beam sensor transmitter

O6S-OOKG/0,30m/US



1 light emission



Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	11; ((24 V))
Protection class		III
Type of light		red light
Wave length	[nm]	633

Detection zone

Transmitter / receiver		transmitter
Range	[m]	< 10
Max. light spot diameter	[mm]	300
Light spot dimensions refer to		at maximum range

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 65; IP 67

Tests / approvals

EMC		EN 60947-5-2	
MTTF	[years]		2600
UL approval		UL Approval no.	E013



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Mechanical data		
Weight	[g]	32.6
Housing		rectangular
Dimensions	[mm]	35.4 x 13 x 21
Materials		housing: ABS; PPSU; Sealing: EPDM
Lens material		PMMA
Lens alignment		side lens
Tightening torque	[Nm]	0.5

Displays / operating elements		
Display	operation	1 x LED, green
Remarks		
Remarks	operating voltage "supply class 2" according to cULus	
Pack quantity	1 pcs.	

Electrical connection	
Cable: 0.3 m, PUR; 2 x 0.25 mm ²	
Connector: 1 x M12	



Connection	

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Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservfaktor