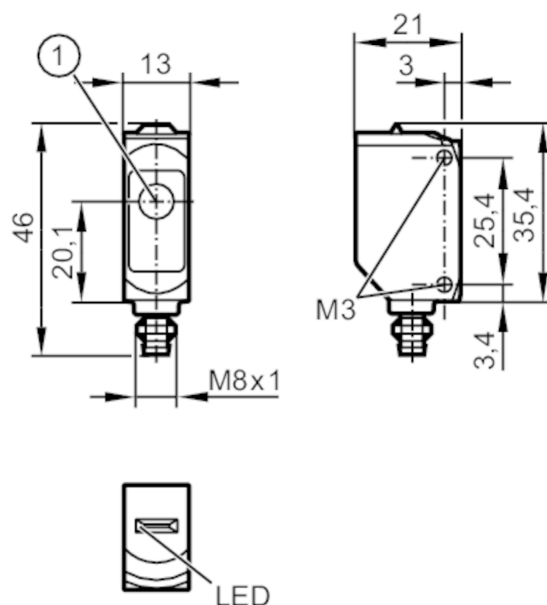


O6S215



Through-beam sensor transmitter

O6SIOOKG/AS/4P



1 light emission



Application		
Function principle	Through-beam sensor	
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	11; ((24 V))
Protection class		III
Type of light		infrared light
Wave length	[nm]	850
Detection zone		
Transmitter / receiver	transmitter	
Range	[m]	< 15
Max. light spot diameter	[mm]	460
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]	2920
UL approval	UL Approval no.	E002



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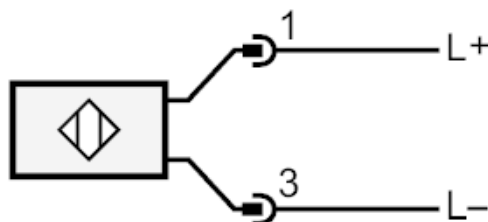
Mechanical data		
Weight	[g]	18.6
Housing		rectangular
Dimensions	[mm]	35.4 x 13 x 21
Materials		housing: ABS; PPSU; connector thread: metal coated; Sealing: EPDM
Lens material		PMMA
Lens alignment		side lens
Material nut		metal
Tightening torque	[Nm]	0.5
Displays / operating elements		
Display	operation	1 x LED, green
Remarks		
Remarks		operating voltage "supply class 2" according to cULus
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x M8; Locking: metal, coated



Connection



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Diagrams and graphs

excess gain graph

