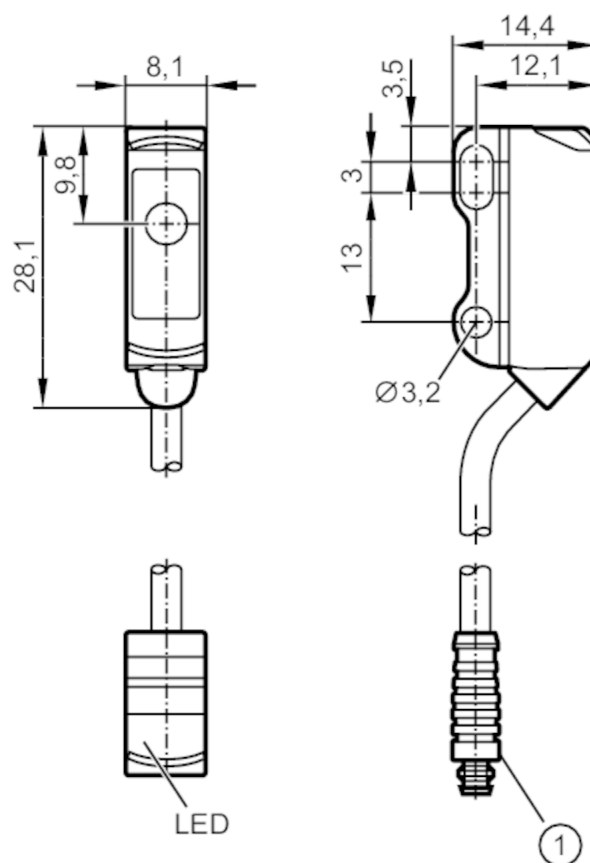




Through-beam sensor transmitter

O8S-OOKG/0,30M/AS/4P



1 illustration (example)



Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...30 DC
Current consumption	[mA]	12; ((24 V))
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	633

Detection zone

Transmitter / receiver		transmitter
Range	[m]	< 3
Max. light spot diameter	[mm]	200
Light spot dimensions refer to		at maximum range

Operating conditions

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



Through-beam sensor transmitter

O8S-OOKG/0,30M/AS/4P

Tests / approvals		
EMC	EN 60947-5-2	
MTTF	[years]	2942
Mechanical data		
Weight	[g]	23
Housing	rectangular	
Dimensions	[mm]	28.1 x 8.1 x 14.4
Materials	housing: ABS; stainless steel (1.4404 / 316L)	
Lens material	PMMA	
Lens alignment	side lens	
Displays / operating elements		
Display	switching status	1 x LED, yellow
	operation	1 x LED, green
Remarks		
Pack quantity	1 pcs.	

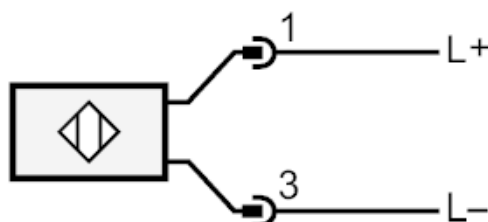
Electrical connection

Cable: 0.3 m, PVC, black, Ø 2.9 mm; 2 x 0.08 mm²

Connector: 1 x M8



Connection



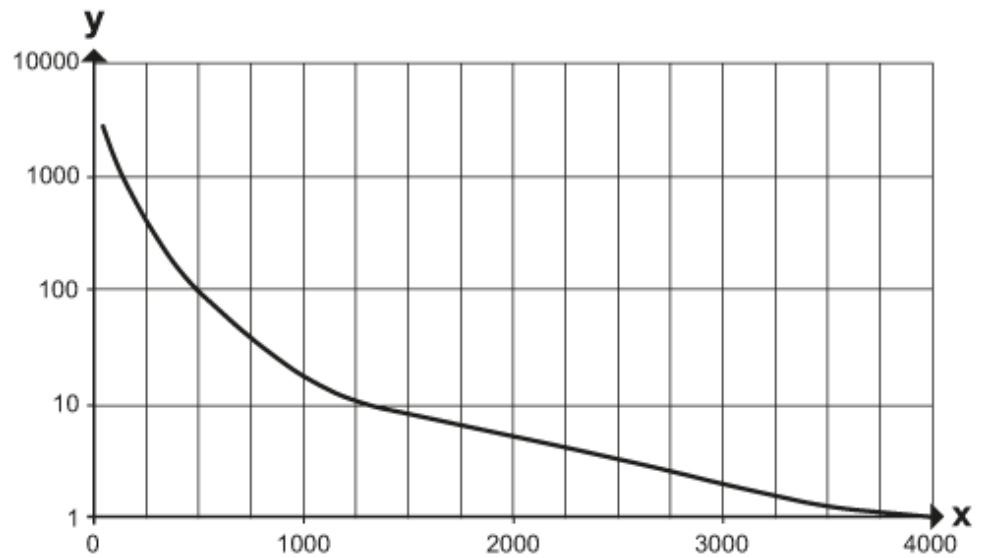


Through-beam sensor transmitter

O8S-OOKG/0,30M/AS/4P

Diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservefaktor