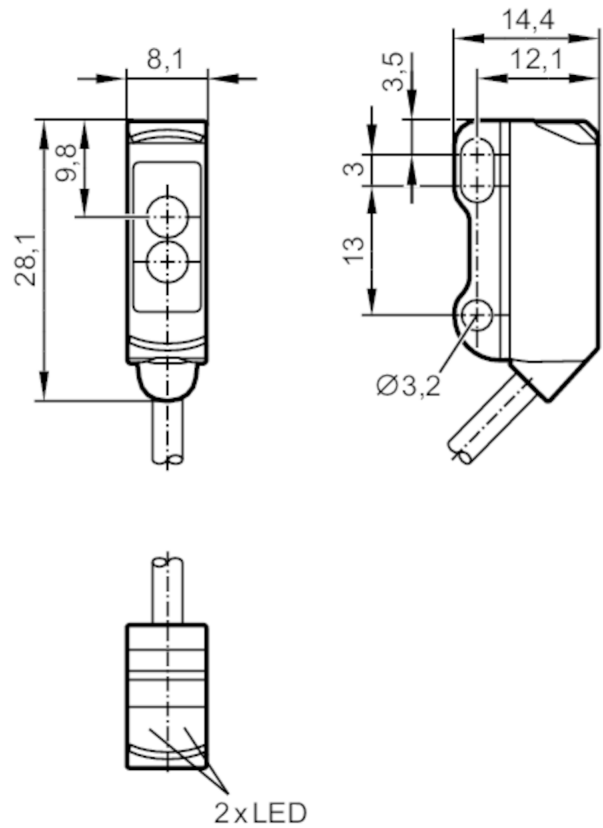




Through-beam sensor receiver

O8E-DPKG/IO-Link/0,30M/AS/3P



receiver in upper lens



Application		
Function principle		Through-beam sensor
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	15; ((24 V))
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	633



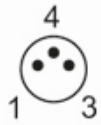
Through-beam sensor receiver

O8E-DPKG/IO-Link/0,30M/AS/3P

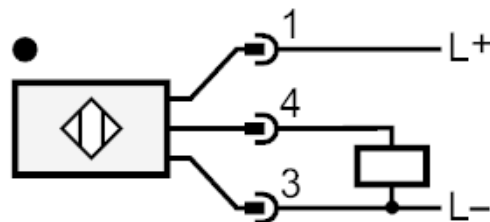
Outputs		
Output function	dark-on mode	
Max. voltage drop switching output DC [V]	2.5	
Permanent current rating of switching output DC [mA]	100	
Switching frequency DC [Hz]	1000	
Electrical design	PNP	
Short-circuit protection	yes	
Type of short-circuit protection	pulsed	
Range		
Transmitter / receiver	receiver	
Range [m]	< 3	
Interfaces		
Transmission type	COM2 (38.4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
IO-Link device ID	787 d / 00 03 13 h	
Profiles	Smart Sensor: Device Identification; Device Diagnosis; Teach Channel; Binary Data Channel	
SIO mode	yes	
Required master port type	A	
Operating conditions		
Ambient temperature [°C]	-25...60	
Protection	IP 65; IP 67	
Tests / approvals		
EMC	EN 60947-5-2	
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	
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; 3 x 0.08 mm²		
Connector: 1 x M8		

Through-beam sensor receiver

O8E-DPKG/IO-Link/0,30M/AS/3P

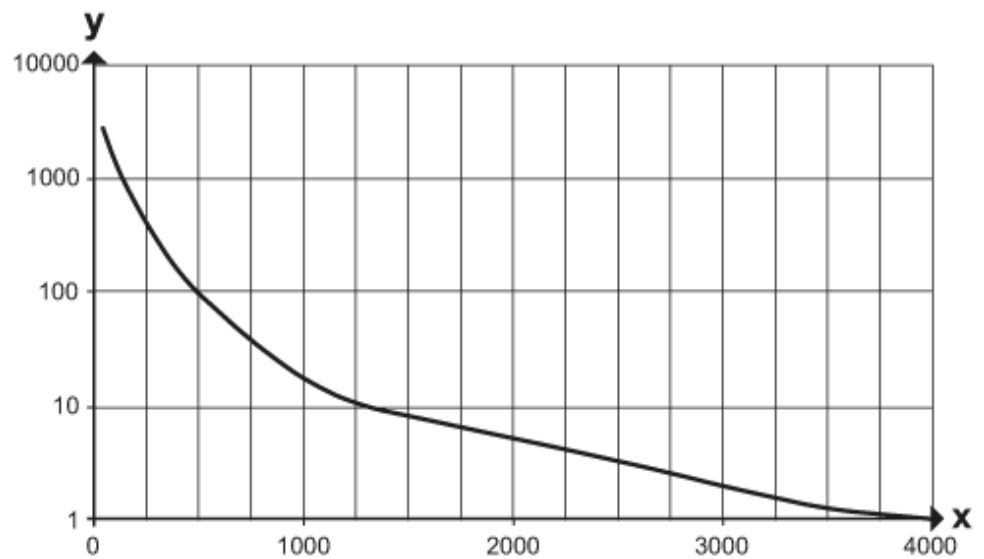


Connection



diagrams and graphs

excess gain graph



x: Abstand [mm]

y: Funktionsreservefaktor