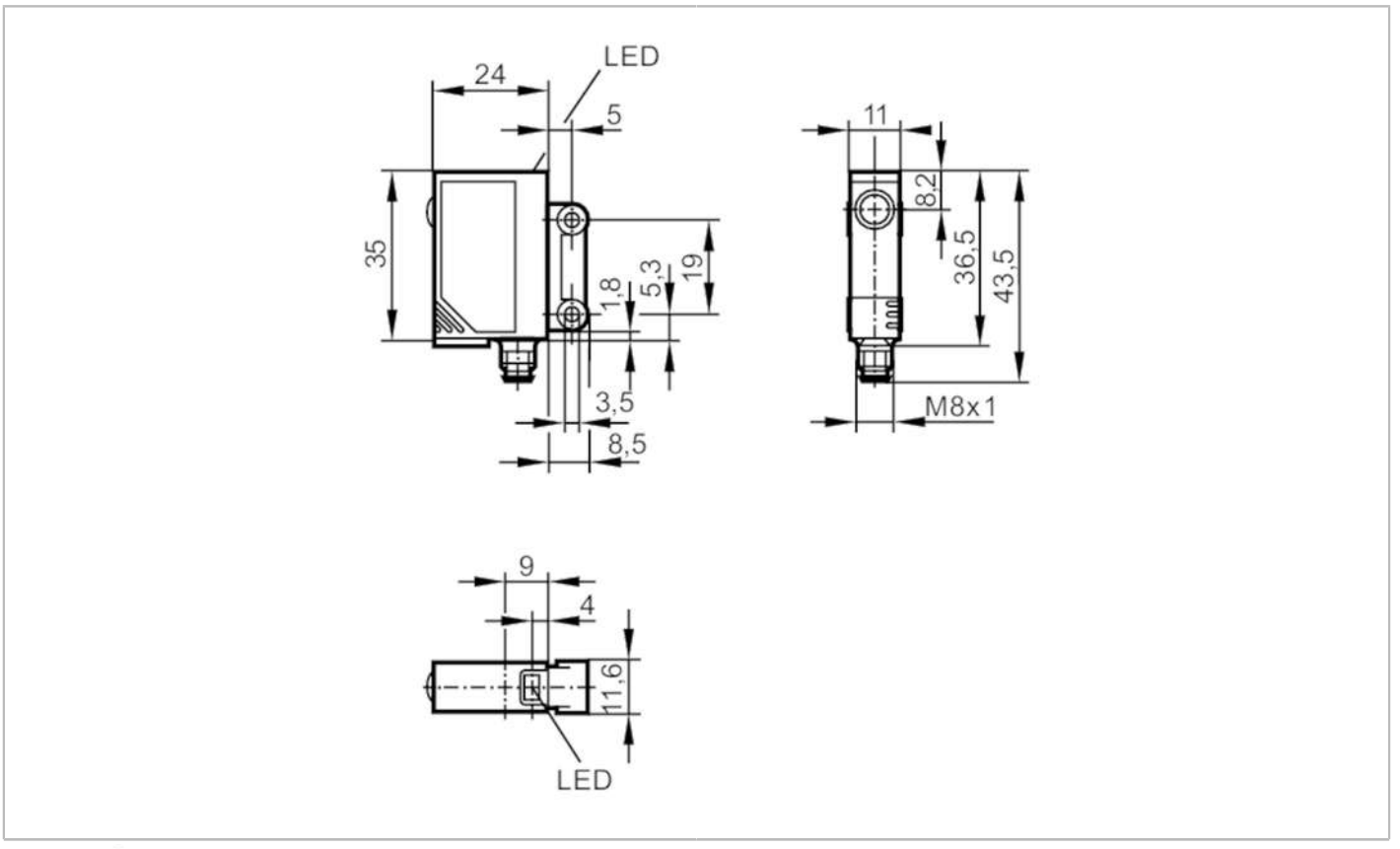
OJP200

Retro-reflective sensor

OJP-DPKG/SO/AS



Product characteristics		
Type of light		red light
Housing		rectangular
Application		
Special feature		polarisation filter
Function principle		Retro-reflective sensor
Electrical data		
Operating voltage	[V]	10...30 DC
Current consumption	[mA]	< 20
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Outputs		
Electrical design		PNP
Output function		dark-on mode
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	1000
Short-circuit protection		yes

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Type of short-circuit protection		pulsed	
Overload protection		yes	
Detection zone			
Range referred to prismatic reflector	[m]	1.8; (Prismatic reflector Ø 80 E20005)	
Range adjustable		no	
Max. light spot diameter	[mm]	64	
Light spot dimensions refer to		at maximum range	
Polarisation filter available		yes	
Operating conditions			
Ambient temperature	[°C]	-25...60	
Protection		IP 67	
Tests / approvals			
EMC		EN 60947-5-2	
MTTF	[years]	905	
Mechanical data			
Weight	[g]	15.6	
Housing		rectangular	
Dimensions	[mm]	35 x 11 x 24	
Materials		ABS; SEPS	
Lens material		PMMA	
Lens alignment		side lens	
Displays / operating elements			
Display		switching status	1 x LED, yellow
Remarks			
Remarks		operating voltage "supply class 2" according to cULus	
Pack quantity		1 pcs.	
Electrical connection			

Connector: 1 x M8; coding: A



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Connection

