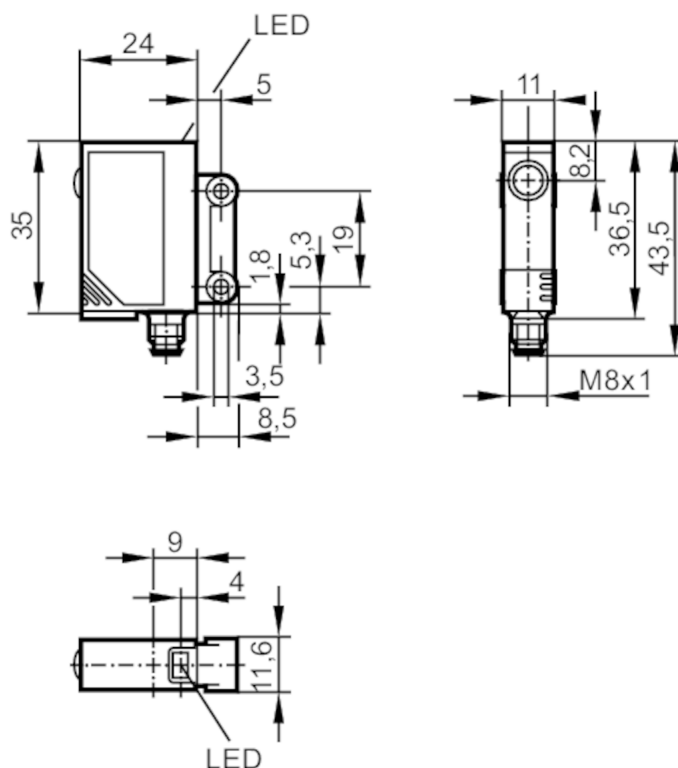


OJP200



Retro-reflective sensor

OJP-DPKG/SO/AS



Product characteristics

Type of light	red light
Housing	rectangular

Application

System	polarization 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



Retro-reflective sensor

OJP-DPKG/SO/AS

Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

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
Polarization 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
Material	ABS; SEPS
Lens material	PMMA
Lens alignment	Side sensing

Displays / operating elements

Display	Switching status	1 x LED, yellow
---------	------------------	-----------------

Remarks

Remarks	cULus - Class 2 source required
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M8; coding: A





Retro-reflective sensor

OJP-DPKG/SO/AS

Connection

