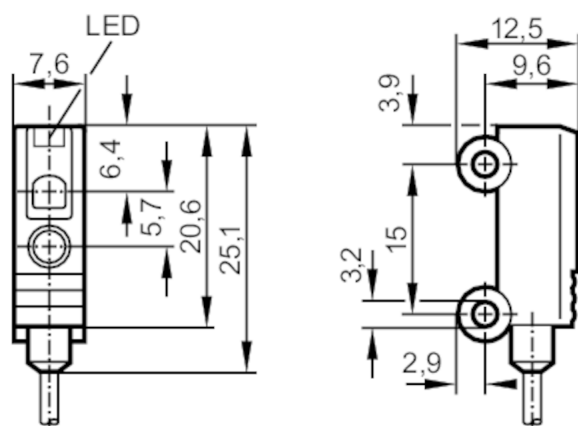


Retro-reflective sensor

OHP-DPKG/0,20M/AS



Application

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
Typ. lifetime	[h]	75000
Reference temperature for service life	[°C]	25

Outputs

Electrical design		PNP
Output function		dark-on mode
Permanent current rating of switching output DC	[mA]	50
Switching frequency DC	[Hz]	800
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Range referred to prismatic reflector	[m]	0.8; (Prismatic reflector Ø 35 E20004)
Range adjustable		no
Max. light spot diameter	[mm]	10
Light spot dimensions refer to		Range
Polarisation filter available		yes

Response times

Response time	[s]	< 0.6
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OH5011



Retro-reflective sensor

OHP-DPKG/0,20M/AS

Operating conditions

Ambient temperature	[°C]	-20...50
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Weight	[g]	14.8
Housing		rectangular
Dimensions	[mm]	20.6 x 7.6 x 12.5
Materials		ABS
Lens material		PMMA
Lens alignment		side lens

Displays / operating elements

Display	switching status	1 x LED, yellow
	unsafe zone	1 x LED, yellow flashing light

Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 0.2 m, PVC

Connector: 1 x M8



Connection

