



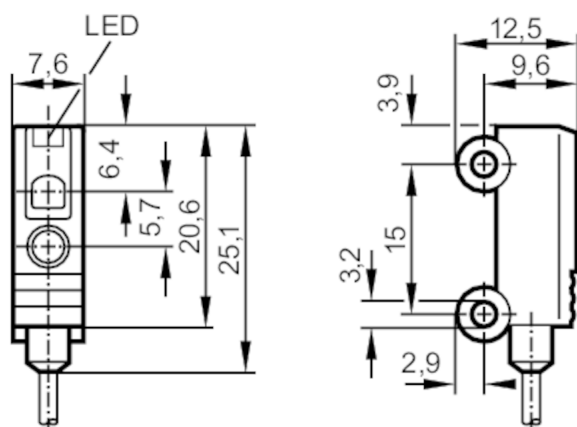
Retro-reflective sensor

OHP-DPKG/2M

phase-out article

Alternative articles: O8P200

When selecting an alternative article and accessories please note that technical data may differ!



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

Outputs

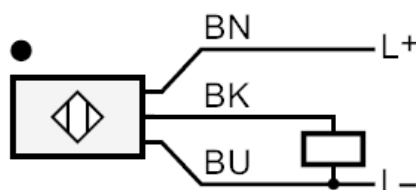
Electrical design		PNP
Output function		dark-on mode
Permanent current rating of switching output DC	[mA]	50
Switching frequency DC	[Hz]	800
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes



Retro-reflective sensor

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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
Operating conditions		
Ambient temperature	[°C]	-20...50
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Weight	[g]	28
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
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PVC; 3 x 0.09 mm²		
Connection		



Core colours :

BK = black

BN = brown

BU = blue