

OH5010

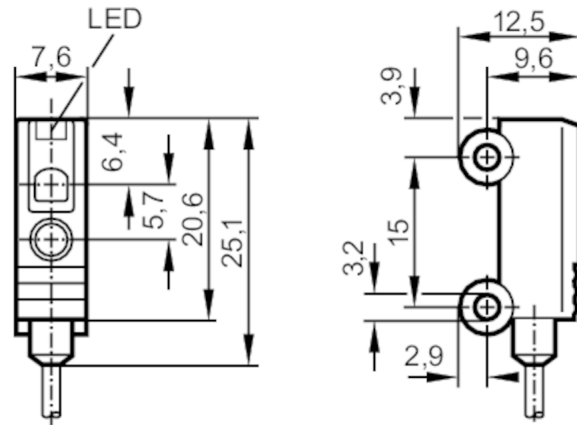


Retro-reflective sensor

OHP-DPKG/2M

discontinued article

replaced by: O8P200



Product characteristics

Type of light	red light
Housing	rectangular
Dimensions [mm]	20.6 x 7.6 x 12.5

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

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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 light
Remarks		
Pack quantity	1 pcs.	

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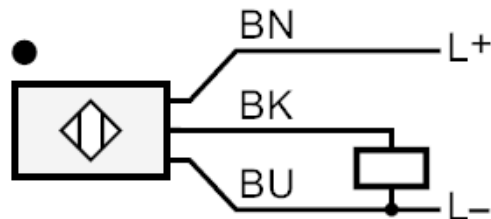
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Electrical connection

Cable: 2 m, PVC; 3 x 0.09 mm²

Connection



Core colours :

BK = black
BN = brown
BU = blue

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