

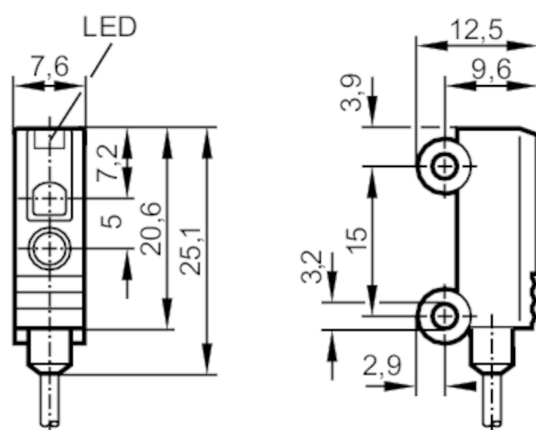


Diffuse reflection sensor with background suppression

OHH-HPKG/2M

discontinued article

Alternative article: O8H200 When selecting an alternative article and accessories please note that technical data may differ! –
When selecting an alternative article and accessories please note that technical data may differ! – Discontinuation date: 22.11.2016



Product characteristics

Type of light	red light
Housing	rectangular
Dimensions [mm]	25.1 x 7.6 x 12.5

Application

Special feature	Background suppression
Function principle	Diffuse reflection 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	light-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	[mm]	1...15; (white paper 200 x 200 mm 90 % remission)
Max. light spot diameter	[mm]	2.5
Light spot dimensions refer to		at maximum range
Background suppression 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]	28.2
Housing		rectangular
Dimensions	[mm]	25.1 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		
Notes		discontinued article
Pack quantity		1 pcs.



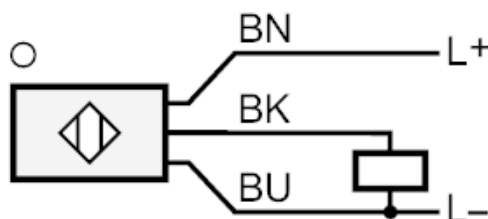
Diffuse reflection sensor with background suppression

OH5008-HPKG/2M

Electrical connection

Cable: 2 m, PVC; 3 x 0.09 mm²

Connection



Core colours :

BK = black
BN = brown
BU = blue

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