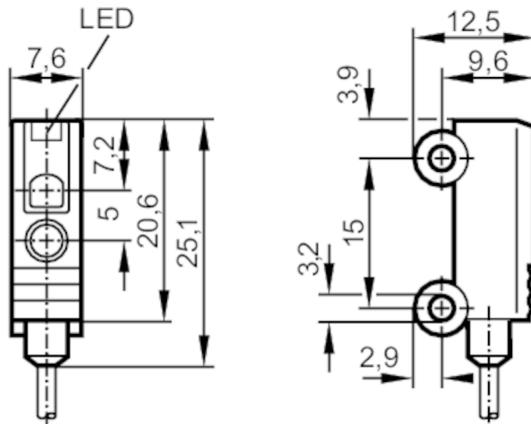


Diffuse reflection sensor with background suppression

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



CE

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

OH5008



Diffuse reflection sensor with background suppression

OHH-HPKG/2M

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.

OH5008



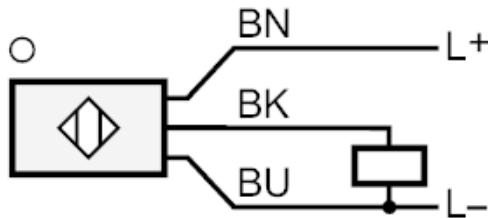
Diffuse reflection sensor with background suppression

OHH-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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