



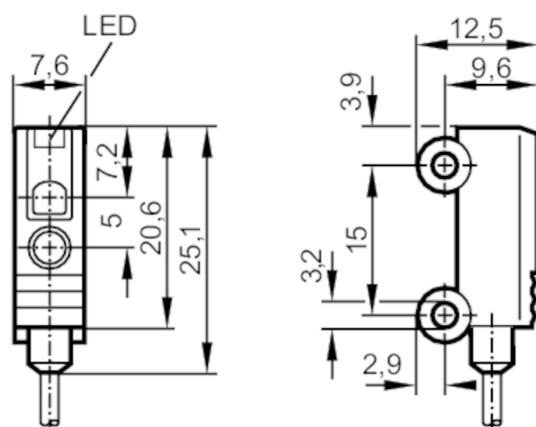
Diffuse reflection sensors with background suppression

OHH-HPKG/2M

Discontinued article

Alternative articles: O8H200

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



Product characteristics

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

Application

System	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	yes (non-latching)
Overload protection	yes



Diffuse reflection sensors with background suppression

OHH-HPKG/2M

Monitoring range		
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
Reaction 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
Material		ABS
Lens material		PMMA
Lens alignment		Side sensing
Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Unsafe zone	1 x LED, yellow flashing
Remarks		
Pack quantity		1 pcs.

OH5008



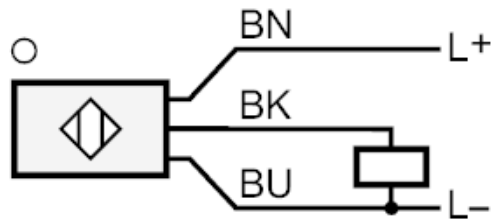
Diffuse reflection sensors with background suppression

OH50-HPKG/2M

Electrical connection

Cable: 2 m, PVC; 3 x 0.09 mm²

Connection



Core colors :

BK =	black
BN =	brown
BU =	blue