



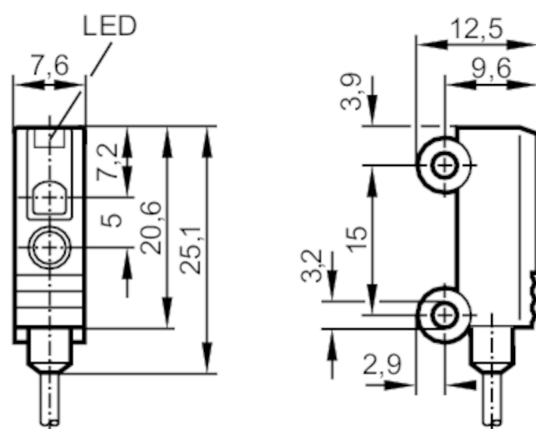
Diffuse reflection sensors with background suppression

OHN-HPKG/2M

Article no longer available - archive entry

Alternative articles: O8H212

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



Product characteristics

Type of light	red light
Housing	rectangular

Application

Function principle	Diffuse reflection sensor
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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

Monitoring range

Range	[mm]	2...50; (white paper 200 x 200 mm 90 % remission)
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Diffuse reflection sensors with background suppression

OHN-HPKG/2M	
Range adjustable	no
Max. light spot diameter [mm]	3.5
Light spot dimensions refer to	at maximum range

Reaction times	
Response time [s]	< 0.6

Operating conditions	
Ambient temperature [°C]	-20...50
Protection	IP 67

Tests / approvals	
EMC	EN 60947-5-2

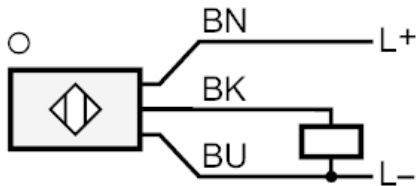
Mechanical data	
Weight [g]	31
Housing	rectangular
Dimensions [mm]	25.1 x 7.6 x 12.5
Material	ABS
Lens material	PMMA
Lens alignment	Side sensing

Displays / operating elements		
Display	Switching status	1 x LED, yellow
	Unsafe zone	1 x LED, yellow flashing

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 2 m, PVC; 3 x 0.09 mm²	

Connection



Core colors :
BK = black
BN = brown
BU = blue