



Diffuse reflection sensors with background suppression

OHN-HPKG/0,20M/AS

Article no longer available - archive entry

Alternative articles: O8H216

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
--------------------	---------------------------

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)
-------	------	---



Diffuse reflection sensors with background suppression

OHN-HPKG/0,20M/AS

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]	15
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

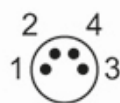
Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection

Cable: 0.2 m, PVC

Connector: 1 x M8; coding: A



OH5005



Diffuse reflection sensors with background suppression

OHN-HPKG/0,20M/AS

Connection

