



Diffuse reflection sensor with background suppression

OHH-HPKG/0,20M/AS

Article no longer available - archive entry

Alternative articles: OH5007

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



Product characteristics

Type of light	red light
Housing	rectangular

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

Detection zone

Range	[mm]	1...30; (white paper 200 x 200 mm 90% remission)
Range adjustable		no



Diffuse reflection sensor with background suppression

OHH-HPKG/0,20M/AS

Max. light spot diameter	[mm]	4.5
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]	15
Housing		rectangular
Dimensions	[mm]	25.1 x 7.6 x 12.5
Materials		ABS
Lens material		PMMA

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





Diffuse reflection sensor with background suppression

OHH-HPKG/0,20M/AS

Connection

