

OH5003

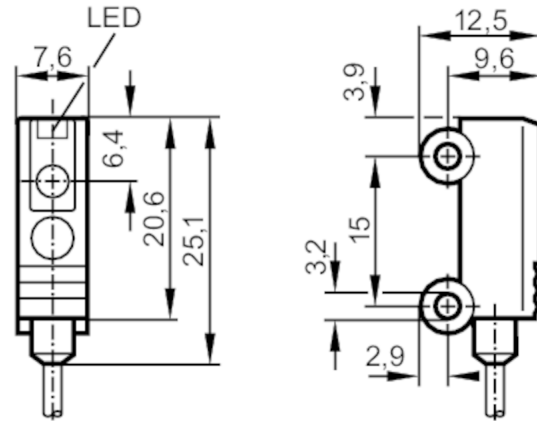
Through-beam sensor receiver

OHE-DPKG/0,20M/AS



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/O8E204



Application

Function principle Through-beam sensor

Electrical data

Operating voltage [V]	10...30 DC
Current consumption [mA]	< 10
Protection class	III
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	660

Outputs

Electrical design	PNP
Output function	dark-on mode
Permanent current rating of switching output DC [mA]	50
Switching frequency DC [Hz]	200
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Transmitter / receiver	receiver
Range [m]	< 1.2
Range adjustable	no

Response times

Response time [s]	< 2.5
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Operating conditions

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

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Tests / approvals

EMC	EN 60947-5-2
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Mechanical data

Weight	[g]	14.8
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

Pack quantity	1 pcs.
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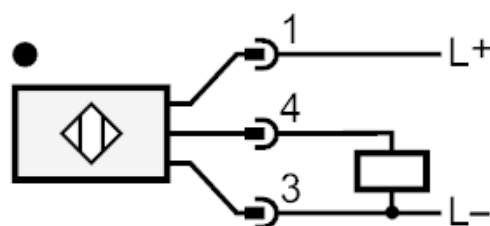
Electrical connection

Cable: 0.2 m, PVC

Connector: 1 x M8



Connection



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