

Through-beam sensor receiver

OGE-DPKG/US100



Product characteristics

Type of light	red light
Housing	threaded type

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	10
Protection class	II
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	624

Outputs

Electrical design	PNP
Output function	dark-on mode
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	150; (200 (...60 °C))
Switching frequency DC [Hz]	1000
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Transmitter / receiver	receiver
Range [m]	< 20
Range adjustable	no

Operating conditions

Ambient temperature [°C]	-25...80
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Protection	IP 65; IP 67; IP 68; IP 69K
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Tests / approvals

EMC	EN 60947-5-2	
MTTF	[years]	1112

Mechanical data

Weight	[g]	59.8
Housing		threaded type
Dimensions	[mm]	M18 x 1 / L = 60
Thread designation		M18 x 1
Materials		housing: stainless steel (1.4404 / 316L); Sealing: EPDM
Lens material		PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

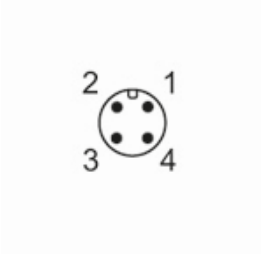
Items supplied	lock nuts: 2
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Remarks

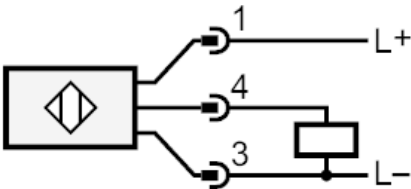
Remarks	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A



Connection





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Diagrams and graphs

excess gain graph

