

Product characteristics

Through-beam sensor

Cube

Connector

Receiver

Sensing range 15m

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

Current rating [mA]

Short-circuit protection

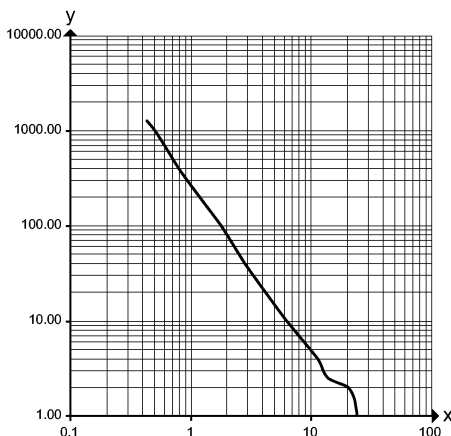
Overload protection

Switching frequency [Hz]

Range

Sensing range [m]

Excess gain graphs



Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

DC PNP

10...30 DC

20

Red light 624 nm

III

yes

light-on mode

< 2.5

150; 200 (...60 °C)

pulsed

yes

1000

15

-25...80

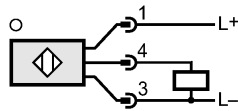
IP 67 / IP 68 / IP 69K

EN 60947-5-2

OGE381 - Through-beam sensor - eclass: 27270901 / 27-27-09-01

MTTF	[Years]	1233
Mechanical data		
Housing materials		1.4542; PEI
Lens material		PEI
Weight	[kg]	0.082
Displays / operating elements		
Output status indication	LED	yellow
Operation	LED	green
Electrical connection		
Connection		M12 connector

Wiring



Accessories		
Accessories (included)		1 stainless steel lock nut
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity	[piece]	1