

1: pushbutton



**Product characteristics**

Through-beam sensor

Rectangular, plastics

Quick disconnect

Electronic lock

External teach function

Front sensing

Receiver

Sensing range 10m

adjustable

**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]

Monitoring range

Sensing range [m]

**Excess gain graphs**

DC PNP

10...30 DC

< 12

red light 660 nm

III

yes

light-on / dark-on programmable

< 2.5

200

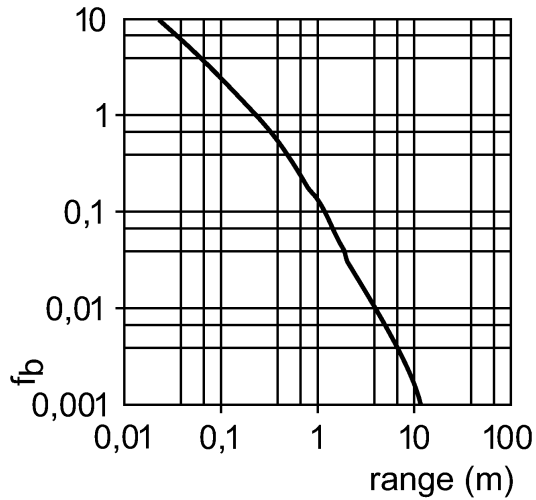
yes (non-latching)

yes

1200

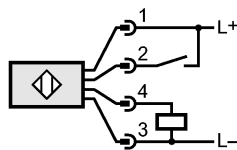
10

OJ5109 - Through-beam sensor - eclass: 27270901 / 27-27-09-01



Environment	
Ambient temperature [°C]	-25...60
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
MTTF [Years]	968
Mechanical data	
Housing materials	housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS
Lens material	glass
Weight [kg]	0.041
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Function display LED	red
Electrical connection	
Connection	M8 connector

**Wiring**



2: Teach

Accessories	
Accessories (included)	Basic clip; E20964; 2 mounting screws; M3 x 16; 2 spring washers; 2 nuts
Remarks	
Remarks	cULus - Class 2 source required
Pack quantity [piece]	1