

1: pushbutton



Product characteristics

Retro-reflective sensor

Rectangular, plastics

Cable with connector

Polarization filter

Electronic lock

External teach function

Front sensing

Sensing range 0...2m (Prismatic reflector Ø 80 (E20005))

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...30 DC

Current consumption [mA]

< 22

Type of light

red light 660 nm

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop [V]

< 2.5

Current rating [mA]

200

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

2000

Monitoring range

Sensing range [m]

0...2 (Prismatic reflector Ø 80 (E20005))

Light spot diameter [mm]

64 (at maximum range)

Environment

Ambient temperature [°C]

-25...60

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

MTTF [Years]

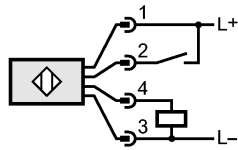
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OJ5063 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02

Mechanical data

Housing materials	housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS; connector body: Hytrel 8068; connector thread: stainless steel 316L / 1.4404
Lens material	glass
Weight [kg]	0.055
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Function display LED	red
Electrical connection	
Connection	PVC cable / 0.15 m; with M12 connector, gold-plated contacts

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