

1: pushbutton



Product characteristics

Retro-reflective sensor

Rectangular, plastics

Quick disconnect

Glass and film detection

Polarization filter

Electronic lock

External teach function

Side sensing

Sensing range 0.2...1.5m (Prismatic reflector 50 x 50 mm (E20722))

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]

Range referred to prismatic reflector[m]

Light spot diameter [mm]

Excess gain graphs

DC PNP

10...30 DC

< 22

red light 660 nm

III

yes

light-on / dark-on programmable

< 2.5

200

yes (non-latching)

yes

2000

0.2...1.5 (Prismatic reflector 50 x 50 mm (E20722))

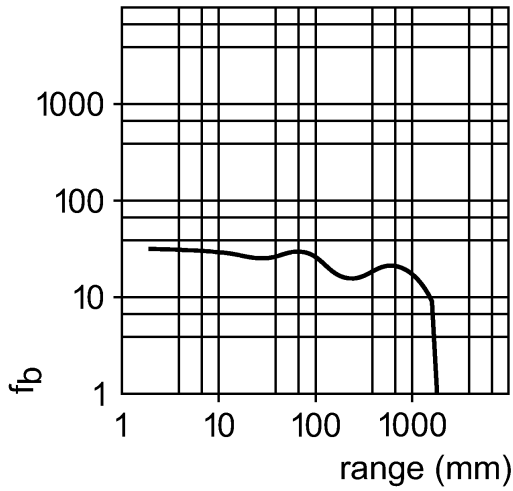
E20722 0.2...1.5

E20991 0.15...0.4

E20992 0.15...0.3

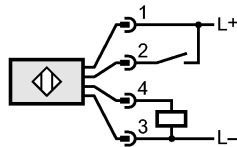
64 (at maximum range)

OJ5086 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02



Environment	
Ambient temperature [°C]	0...60
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
MTTF [Years]	854
Mechanical data	
Housing materials	housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS
Lens material	glass
Weight [kg]	0.038
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