

1: Programming buttons

2: When a M5 mounting screw is used, the max. tightening torque is 2 Nm.



Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Teach function

Electronic lock

Receiver

Sensing range 25m

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...36 DC

11

red light 624 nm

II

yes

light-on / dark-on programmable via pushbutton

< 2.5

200

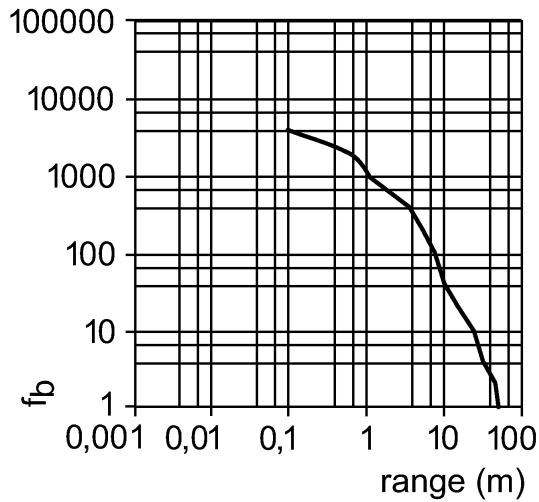
yes (non-latching)

yes

1000

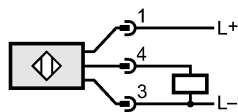
25

O5E500 - 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]	801
Mechanical data	
Housing materials	housing: PA; Front framework: high-grade stainless steel; operator interface: TPU (urethane)
Lens material	PMMA
Weight [kg]	0.067
Displays / operating elements	
Output status indication LED	yellow
Electrical connection	
Connection	M12 connector

Wiring



Remarks	
Remarks	*) cULus - Class 2 source required
Pack quantity [piece]	1