

Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Transmitter

Sensing range 25m

Electrical data

Electrical design

Operating voltage [V]

Current consumption [mA]

Type of light

Protection class

Reverse polarity protection

Monitoring range

Sensing range [m]

Light spot diameter [mm]

DC

10...36 DC

20

red light 624 nm

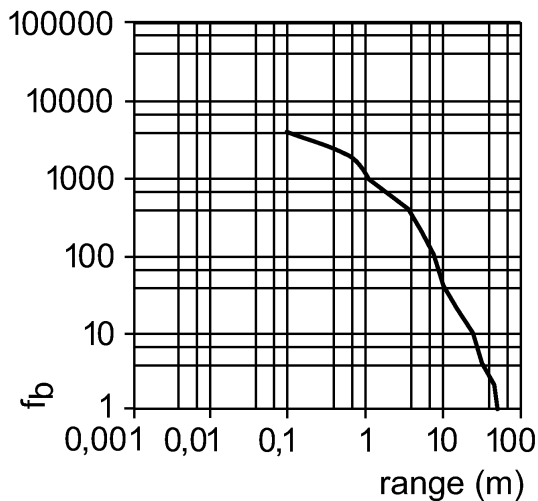
II

yes

25

625 (at maximum range)

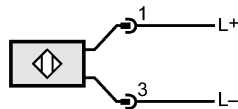
Excess gain graphs



O5S500 - 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]	617
Mechanical data	
Housing materials	housing: PA; Front framework: high-grade stainless steel; operator interface: TPU (urethane)
Lens material	PMMA
Weight [kg]	0.065
Displays / operating elements	
Power LED	green
Electrical connection	
Connection	M12 connector

Wiring



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