

Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Transmitter

Sensing range 20m

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

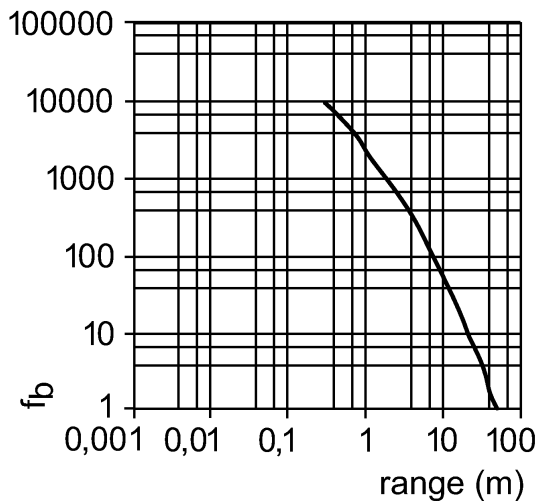
II

yes

20

500 ( at maximum range )

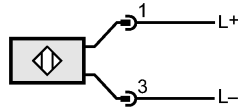
Excess gain graphs



**O5S200 - 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]                  | 760   |
| Mechanical data               |   |
| Housing materials             | housing: PA; Front framework: high-grade stainless steel; operator interface: TPE |
| Lens material                 | PMMA  |
| Weight [kg]                   | 0.061   |
| Displays / operating elements |   |
| Power LED                     | green   |
| Electrical connection         |   |
| Connection                    | M12 connector   |

**Wiring**



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