

Receiver in upper lens



Product characteristics

Through-beam sensor

Rectangular, plastics

Quick disconnect

Receiver

Sensing range 6m

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...55 DC

Current consumption [mA]

20 (24 V)

Type of light

Infrared light 880 nm

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

dark-on mode

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

140

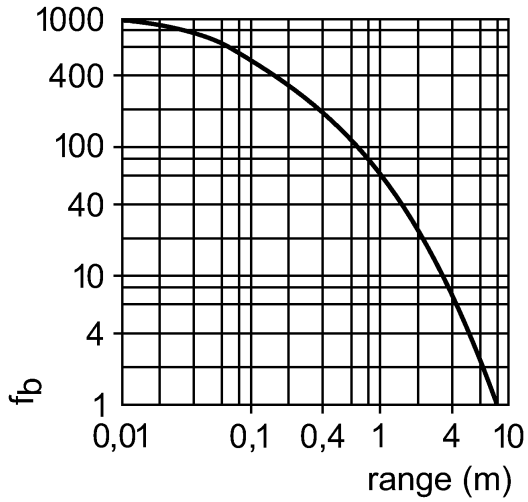
Monitoring range

Sensing range [m]

6

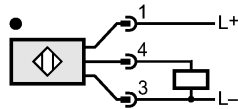
Excess gain graphs

**OU5046 - Through-beam sensor - eclass: 27270901 / 27-27-09-01**



Environment	
Ambient temperature [°C]	-25...80
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
MTTF [Years]	618
Mechanical data	
Housing materials	modified PPO
Lens material	glass
Weight [kg]	0.073
Displays / operating elements	
Output status indication LED	yellow
Electrical connection	
Connection	M12 connector

**Wiring**



Accessories	
Accessories (included)	Angle bracket; E20211
Remarks	
Pack quantity [piece]	1