

Receiver in upper lens, transmitter in lower lens



Product characteristics

Diffuse reflection sensor

Rectangular, plastics

Quick disconnect

Short ranges

Range 20...40mm (referred to white paper 200 x 200 mm)

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...55 DC

Current consumption [mA]

35 (24 V)

Type of light

Infrared light 880 nm

Protection class

III

Reverse polarity protection

yes

Outputs

Output function

light-on mode

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

160

Monitoring range

Range

[mm]

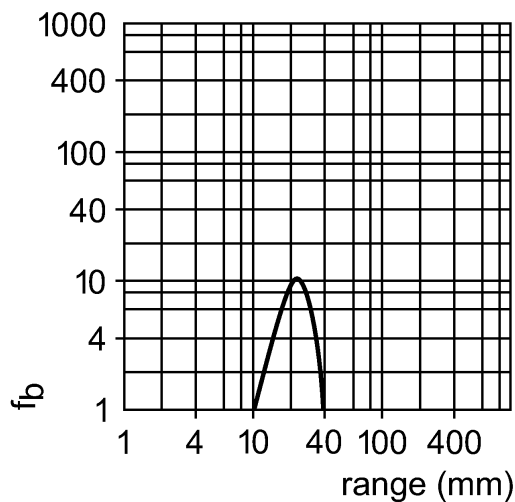
20...40 (referred to white paper 200 x 200 mm)

Light spot diameter

[mm]

20 (at maximum range)

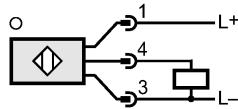
Excess gain graphs



OU5069 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03

Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[Years]	685
Mechanical data		
Housing materials		modified PPO
Lens material		glass
Weight	[kg]	0.071
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