

Receiver in upper lens, transmitter in lower lens



Product characteristics
Diffuse reflection sensor
Rectangular, plastics

Quick disconnect

Range 1...200mm (referred to white paper 200 x 200 mm)

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

Range [mm]

Light spot diameter [mm]

Excess gain graphs

DC PNP

10...55 DC

35 (24 V)

Infrared light 880 nm

III

yes

light-on mode

< 2.5

250

yes

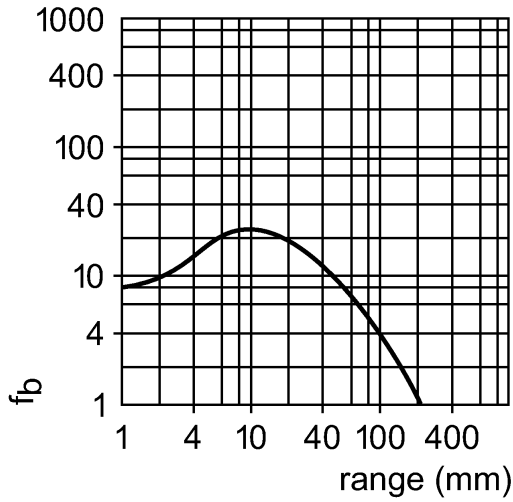
yes

160

1...200 (referred to white paper 200 x 200 mm)

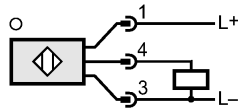
180 (at maximum range)

OU5034 - Diffuse reflection sensor - eclass: 27270903 / 27-27-09-03



Environment	
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]	0.073
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