

Product characteristics

Retro-reflective sensor

Rectangular, plastics

Quick disconnect

Polarization filter

Sensing range 0.15...1.5m (Prismatic reflector Ø 80 (E20005))

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...55 DC

Current consumption [mA]

30 (24 V)

Type of light

red light 660 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

Sensing range [m]

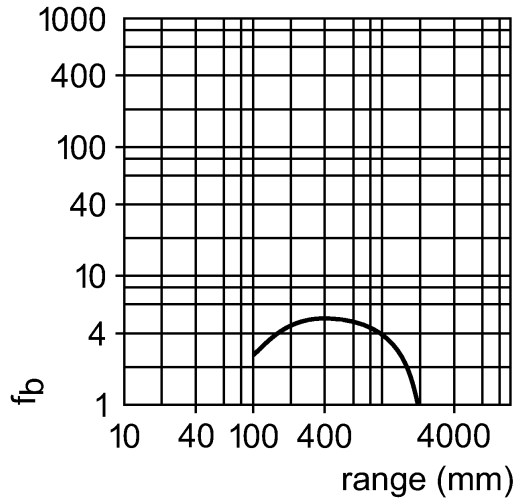
0.15...1.5 (Prismatic reflector Ø 80 (E20005))

Light spot diameter [mm]

475 ( at maximum range )

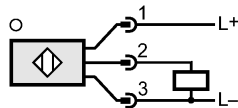
Excess gain graphs

**OU5080 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02**



Environment	
Ambient temperature [°C]	-25...60
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
MTTF [Years]	687
Mechanical data	
Housing materials	modified PPO
Lens material	glass
Weight [kg]	0.075
Electrical connection	
Connection	M12 connector

**Wiring**



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