

- 1: potentiometer timer
- 2: potentiometer sensitivity

Receiver in upper lens, transmitter in lower lens



Product characteristics

Retro-reflective sensor

Rectangular, plastics

Terminals

Sensing range 10m (Prismatic reflector Ø 80 (E20005))

adjustable

Electrical data

Electrical design

Operating voltage [V]

Type of light

Protection class

Reverse polarity protection

Outputs

Output function

Minimum load current [mA]

Leakage current [mA]

Current rating

- Current rating (continuous) [mA]

- Current rating (peak) [mA]

Short-circuit proof

Overload protection

Switching frequency [Hz]

Monitoring range

Sensing range [m]

Environment

Ambient temperature [°C]

Protection

Tests / approvals

EMC

MTTF [Years]

Mechanical data

Housing materials

Lens material

Weight [kg]

Displays / operating elements

AC/DC

20...250 AC/DC

Infrared light 950 nm

II

no

light-on / dark-on programmable

15

< 6

250; 350 (...50 °C)

î: 2.2 A (10 ms / 0.5 Hz)

no

no

250

10 (Prismatic reflector Ø 80 (E20005))

-25...80

IP 65

EN 60947-5-2

302

modified PPO

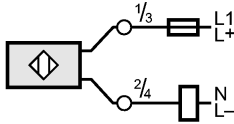
glass

0.273

OS0025 - Retro-reflective sensor - eclass: 27270902 / 27-27-09-02

Output status indication	LED	yellow
Electrical connection		
Connection	terminals up to 1.5 mm ² ; cable diameter 5...10 mm, cable gland M20 x 1.5	

Wiring



Note: miniature fuse to IEC60127-2 sheet 1, ≤ 2 A (fast acting)

Accessories		
Accessories (included)	Angle bracket; E20210; screwdriver	
Remarks		
Remarks	Recommendation: check the unit for reliable function after a short circuit.	
Pack quantity	[piece]	1