

1: selection switch, pot's (under cover)

Receiver in upper lens, transmitter in lower lens



Product characteristics

Retro-reflective sensor

Rectangular, plastics

Terminals

On-delay or off-delay selectable via slide switch

Sensing range 0.25...10m (Prismatic reflector Ø 80 (E20005))

adjustable

Electrical data

Electrical design

AC/DC relay

Operating voltage [V]

20...250 AC/DC (47...63 Hz AC)

Power consumption [VA]

< 2

Type of light

Infrared light 880 nm

Protection class

II

Reverse polarity protection

no

Outputs

Output function

light-on / dark-on programmable

Contact rating

250 V AC / 3 A / 360 VA, 125 V DC / 3 A / 30 W

Short-circuit proof

no

Overload protection

no

Switching frequency [Hz]

10

Timer [s]

0.5...10

Monitoring range

Sensing range [m]

0.25...10 (Prismatic reflector Ø 80 (E20005))

Range referred to prismatic reflector[m]

Ø 80 0.25...10

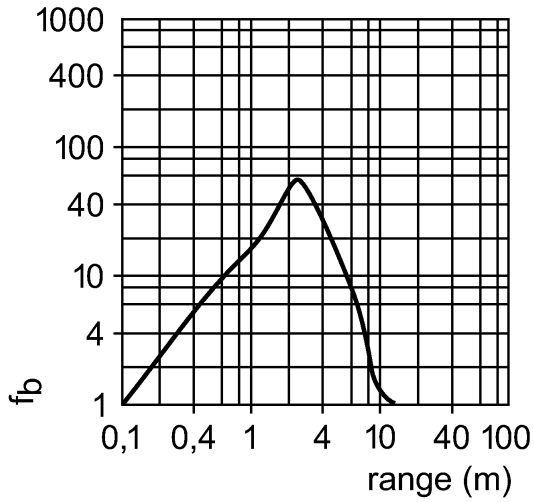
Ø 40 0.25...7

Ø 22 0.25...5

Light spot diameter [mm]

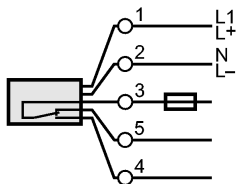
350 ( at maximum range )

Excess gain graphs



Environment	
Ambient temperature [°C]	-25...60
Protection	IP 65
Tests / approvals	
EMC	EN 60947-5-2 EN 55011: class B
MTTF [Years]	264
Mechanical data	
Housing materials	modified PPO
Lens material	PMMA
Weight [kg]	0.306
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Function display LED	red
Electrical connection	
Connection	terminals up to 1.5 mm <sup>2</sup> ; cable diameter 4.5...10 mm, cable gland M16 x 1.5

**Wiring**



Note: miniature fuse to IEC60127-2 sheet 1, ≤ 5 A (fast acting)

Accessories	
Accessories (included)	Angle bracket; E20514; screwdriver
Remarks	
Remarks	Recommendation: check the unit for reliable function after a short circuit.
Pack quantity [piece]	1