

Product characteristics

Retro-reflective sensor

Threaded type

M30 x 1.5

Terminals

Sensing range 0.1...4m (Prismatic reflector Ø 80 (E20005))

adjustable

Electrical data

Electrical design

Operating voltage [V]

Type of light

Protection class

Reverse polarity protection

Outputs

Output function

Voltage drop [V]

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]

Light spot diameter [mm]

Excess gain graphs

AC/DC

20...250 AC/DC

Infrared light 950 nm

II

no

light-on / dark-on programmable

< 10.5

15

< 6

250; 350 (...50 °C)

î: 2.2 A (10 ms / 0.5 Hz)

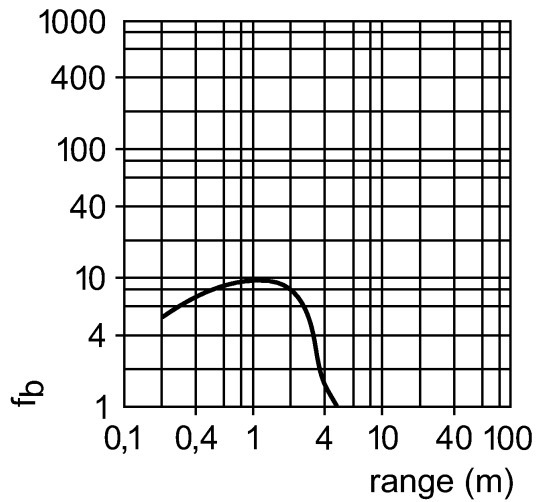
no

no

25 AC / 35 DC

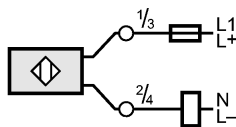
0.1...4 (Prismatic reflector Ø 80 (E20005))

280 (at maximum range)



Environment	
Ambient temperature [°C]	-25...80
Protection	IP 65
Tests / approvals	
EMC	EN 60947-5-2 EN 55011: class B
MTTF [Years]	309
Mechanical data	
Housing materials	PBT; modified PPO
Lens material	PMMA
Weight [kg]	0.113
Displays / operating elements	
Output status indication LED	yellow
Electrical connection	
Connection	terminals up to 1.5 mm ² ; cable diameter 7...13 mm, cable gland M20 x 1.5

Wiring



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

Accessories	
Accessories (included)	2 lock nuts; screwdriver
Remarks	
Remarks	Recommendation: check the unit for reliable function after a short circuit.
Pack quantity [piece]	1