

Receiver in upper lens, transmitter in lower lens



Product characteristics

Retro-reflective sensor

Rectangular, plastics

Quick disconnect

Sensing range 0.15...3m (Prismatic reflector Ø 80 (E20005))

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

Sensing range [m]

Light spot diameter [mm]

Excess gain graphs

DC PNP

10...55 DC

35 (24 V)

Infrared light 880 nm

III

yes

dark-on mode

< 2.5

250

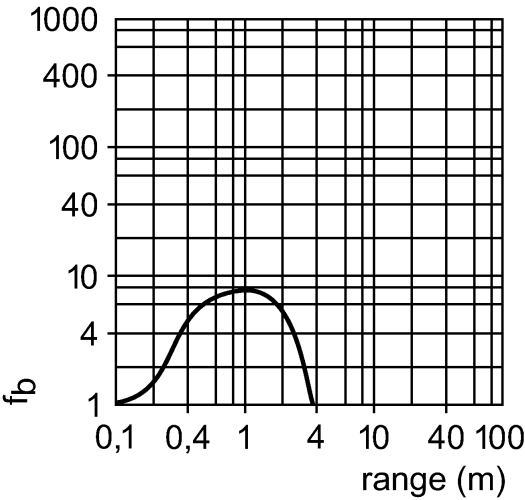
yes (non-latching)

yes

160

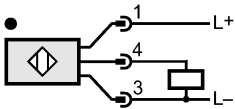
0.15...3 (Prismatic reflector Ø 80 (E20005))

262 (at maximum range)



Environment	
Ambient temperature [°C]	-25...80
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
MTTF [Years]	694
Mechanical data	
Housing materials	modified PPO
Lens material	glass
Weight [kg]	0.075
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