

1: pushbutton



Product characteristics

Retro-reflective sensor

Rectangular, plastics

Quick disconnect

Polarization filter

Electronic lock

External teach function

Front sensing

Sensing range 0...2m (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...30 DC

< 22

red light 660 nm

III

yes

light-on / dark-on programmable

< 2.5

200

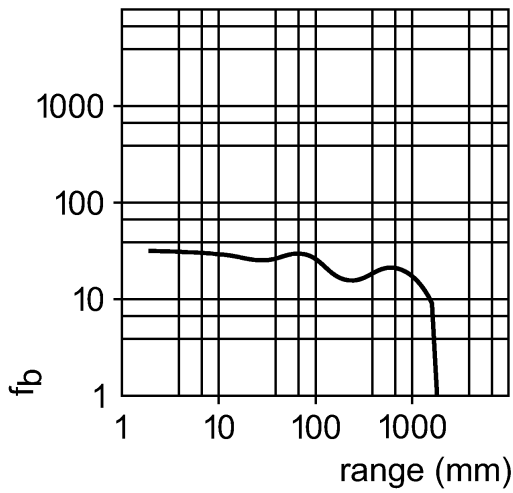
yes (non-latching)

yes

2000

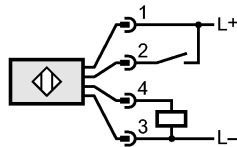
0...2 (Prismatic reflector Ø 80 (E20005))

64 (at maximum range)



Environment	
Ambient temperature [°C]	-25...60
Protection	IP 67
Tests / approvals	
EMC	EN 60947-5-2
MTTF [Years]	867
Mechanical data	
Housing materials	housing: ABS; LED window: SEPS; pushbutton: SEPS
Lens material	glass
Weight [kg]	0.04
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Function display LED	red
Electrical connection	
Connection	M8 connector

Wiring



2: Teach

Accessories	
Accessories (included)	2 mounting screws; 2 spring washers; 2 nuts
Remarks	
Remarks	cULus - Class 2 source required
Pack quantity [piece]	1