

1: potentiometer



Product characteristics

Through-beam sensor

Threaded type

M12 x 1

Quick disconnect

Function check output

Receiver

Sensing range 4m

adjustable

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...36 DC

Current consumption [mA]

< 30

Type of light

Infrared light 880 nm

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

light-on / dark-on programmable

Voltage drop

- Switching output [V]

< 2.5

- Function check output [V]

< 3.5

Current rating

- Switching output [mA]

200

- Function check output [mA]

10

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

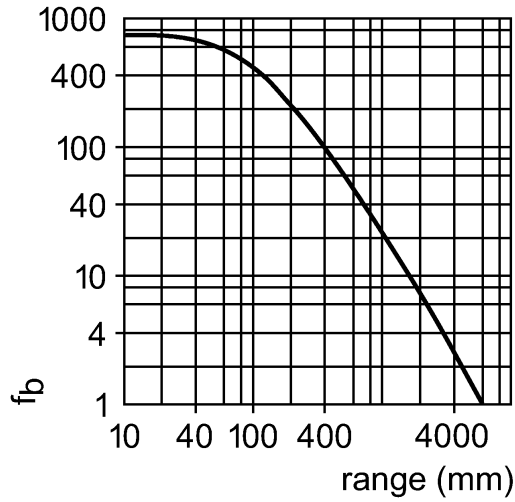
320

Monitoring range

Sensing range [m]

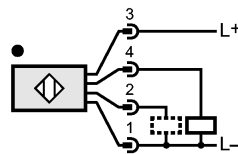
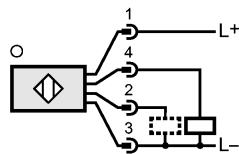
4

Excess gain graphs



Environment	
Ambient temperature [°C]	-25...60
Protection	IP 65
Tests / approvals	
EMC	EN 60947-5-2
MTTF [Years]	652
Mechanical data	
Housing materials	brass Optalloy-plated
Lens material	PMMA
Weight [kg]	0.045
Displays / operating elements	
Output status indication LED	yellow
Power LED	green
Function display LED	red
Electrical connection	
Connection	M12 connector

Wiring



2: function check

Accessories	
Accessories (included)	2 lock nuts; screwdriver
Remarks	
Pack quantity [piece]	1