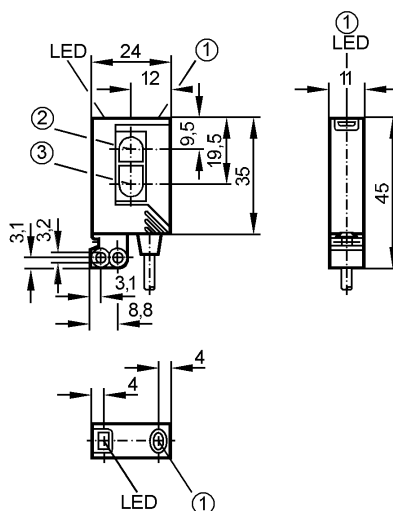




- 1: pushbutton
2: Receiver
3: Transmitter



Product characteristics
Diffuse reflection sensor

Rectangular, plastics

Cable

Electronic lock

External teach function

Front sensing

Background suppression

Range 15...400mm (Range referred to white paper 200 x 200 mm, 90 % remission)

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

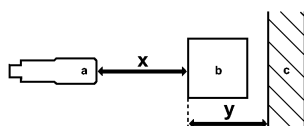
Switching frequency [Hz]

Range

Range [mm]

Light spot diameter [mm]

Accuracy graph



DC PNP

10...30 DC

25

Red light 660 nm

III

yes

light-on / dark-on programmable

< 2.5

200

pulsed

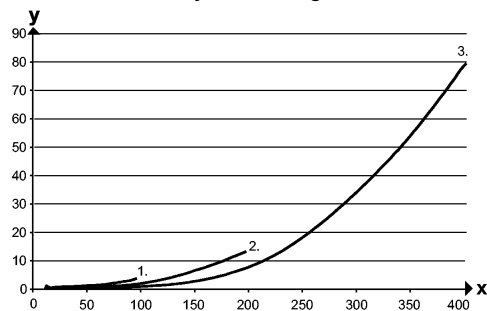
yes

1000

15...400 (Range referred to white paper 200 x 200 mm, 90 % remission)

< 18 (Range 150 mm)

a: sensor
b: object
c: background
x: distance sensor / object
y: min. distance object / background



Values in [mm]

- 1 = object black (6 % remission), background white (90 % remission)
2 = object grey (18 % remission), background white (90 % remission)
3 = object white (90 % remission), background white (90 % remission)

Environment

Ambient temperature [°C]	-25...60
Protection	IP 67

Tests / approvals

EMC	EN 60947-5-2
MTTF [Years]	556

Mechanical data

Housing materials	housing: ABS; fixture: diecast zinc; LED window: SEPS; pushbutton: SEPS; connector body: Hytrel 8068; connector thread: stainless steel 316L / 1.4404
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Lens material	PMMA
Weight [kg]	0.068

Displays / operating elements

Output status indication	LED	yellow
Operation	LED	green

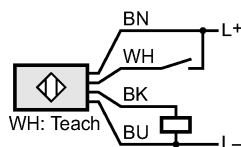
Electrical connection

Connection	PVC cable / 2 m
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Wiring

Core colours

- BK black
BN brown
BU blue
WH white



Accessories

Accessories (included)	Basic clip; E20964; 2 mounting screws; M3 x 16; 2 spring washers; 2 nuts
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Remarks

Pack quantity [piece]	1
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