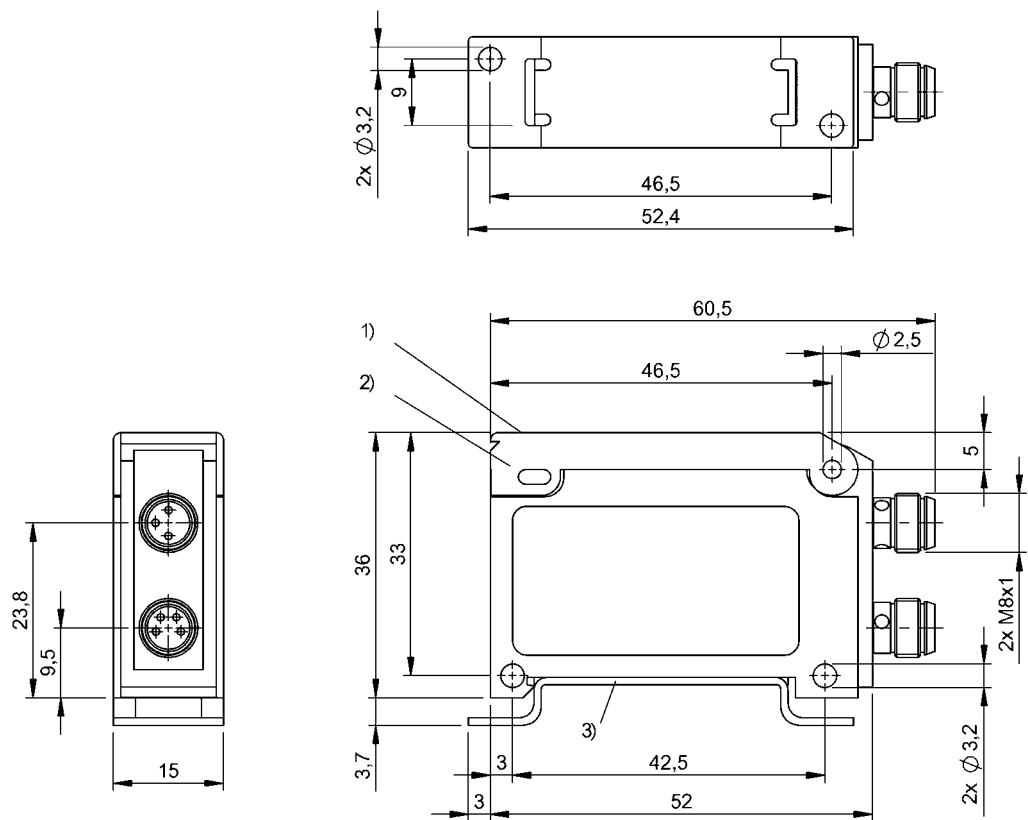




1) Display and control panel, 2) Cover, 3) DIN rail



Basic features

Additional features	Remote function for switching threshold Manual setting/fine adjustment via navigation menu
Approval/Conformity	CE UKCA WEEE
Basic standard	IEC 60947-5-2
Principle of operation	Signal amplifier
Series	SA-OH
Style	Square Straight connection

Display/Operation

Adjuster	Slide switch 4 positions or 3 positions
Display	LED green: Power Digital display Switching state - LED yellow
Setting	Light-on/dark-on Time function on/off Delay time Teach mode Aut/Hys/Int/Pot

Electrical connection

Connection	M8x1-Male, 4-pin
Contact, surface protection	Gold plated
Polarity reversal protected	yes
Short-circuit protection	yes

Electrical data

No-load current I_o max. at U_e	45 mA
Operating voltage U_b	10...30 VDC
Rated operating current I_e	200 mA
Rated operating voltage U_e DC	24 V
Switching frequency	500 Hz
Turn-off delay t_{off} max.	1 ms
Turn-on delay t_{on} max.	1 ms
Voltage drop U_d max. at I_e	1.5 V

Environmental conditions

Ambient temperature	-10...55 °C
IP rating	IP54

Interface

Duration of time function	$T = 0...250$ ms
Supplementary output	Error output NPN
Switch function, supplementary output	Normally open (NO)
Switching output	NPN normally open/normally closed (NO/NC)
Time function	switch-off delay Turn-on delay

Remarks

DIN rail included, order other accessories separately.
For additional information, refer to user's guide.
The sensor is functional again after the overload has been eliminated.

Material

Housing material	ABS PC
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Mechanical data

Dimension	15 x 36 x 61 mm
Mounting part	Screw M3 DIN rail 35 mm

Optical features

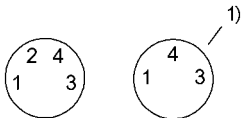
Principle of optical operation	depends on sensor head
Switching function, optical	Light/dark switching

Range/Distance

Range	depends on sensor head
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Connector Drawings

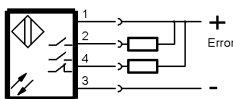
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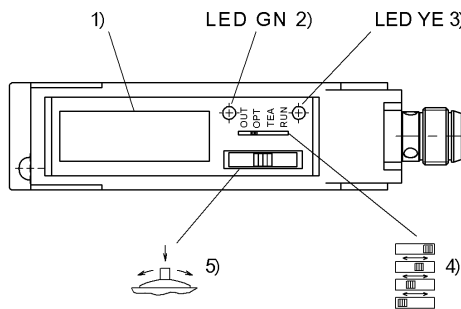
1) Sensor connection

Wiring Diagrams

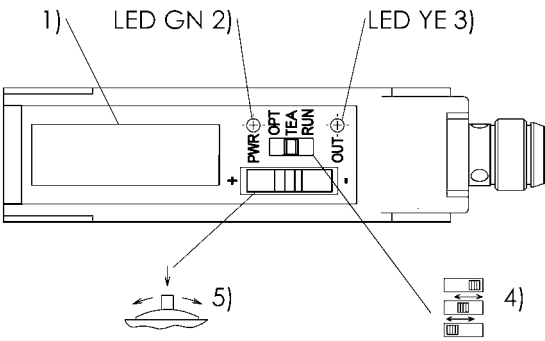
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Help Views



- 1) Display
- 2) Stability
- 3) Output function
- 4) Slide switch operating modes
- 5) Jog-Switch



- 1) Display
- 2) Stability
- 3) Output function
- 4) Slide switch operating modes
- 5) Jog-Switch

Opto Symbols

