

1) Display and control panel



Basic features

Approval/Conformity	CE
	UKCA
	WEEE
Basic standard	IEC 60947-5-2
Principle of operation	Signal amplifier
Series	SA-OH
Style	Square
	Straight connection

Electrical connection

Cable diameter D	3.70 mm
Cable length L	2 m
Conductor cross-section	0.14 mm ²
Connection	Cable, 2.00 m, PVC
Contact, surface protection	Gold plated
Number of conductors	5
Polarity reversal protected	yes
Short-circuit protection	yes

Display/Operation

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

Electrical data

Input function	Teach Sn
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
Switching output	NPN normally open/normally closed (NO/NC)
Time function	switch-off delay Turn-on delay

Material

Housing material	ABS PC
Material jacket	PVC

Remarks

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

Mechanical data

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

Optical features

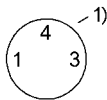
Principle of optical operation	depends on sensor head
Switching function, optical	Light/dark switching

Range/Distance

Range	depends on sensor head
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Connector Drawings

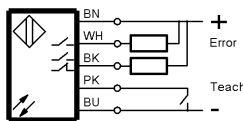
XS-911



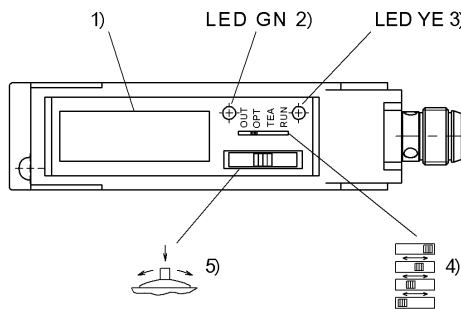
1) Sensor connection

Wiring Diagrams

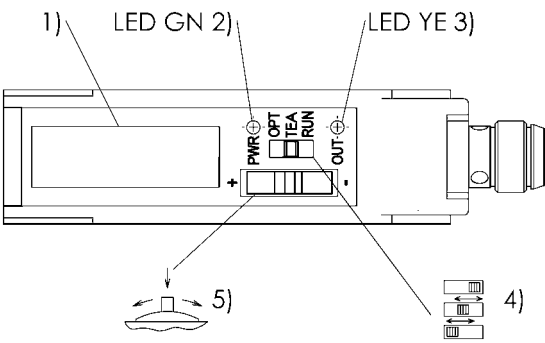
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Help Views



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



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Opto Symbols

