

2.1

SERIE SX

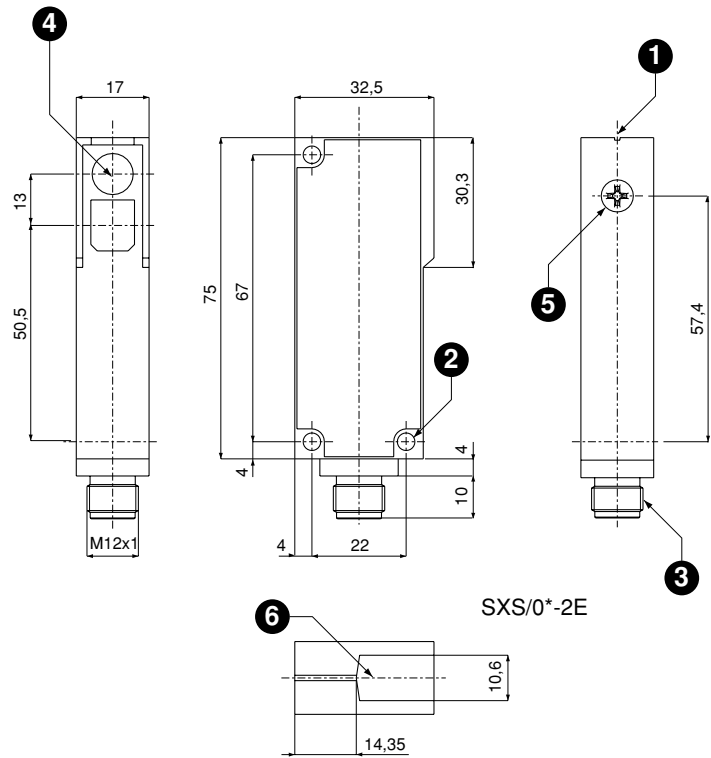


Rectangular photoelectric sensors - DC

- ◆ Red-light emitter LED as alignment aid
- ◆ Infinitely adjustable scanning distance
- ◆ Background suppression
- ◆ Contamination control and alignment aid by means of flashing LED signal strength indicator
- ◆ Transistor outputs, PNP or NPN, short-circuit protected, complementary
- ◆ No false triggering at power-up
- ◆ Insensitive to ambient light sources (HF lamps, hazard flash lamps)
- ◆ Reliable functioning when devices mounted opposite each other
- ◆ M12 plug cable exit
- ◆ IP67 protection degree
- ◆ Complete protection against electrical damage



DIMENSIONAL DRAWING



SXS/0*-2E

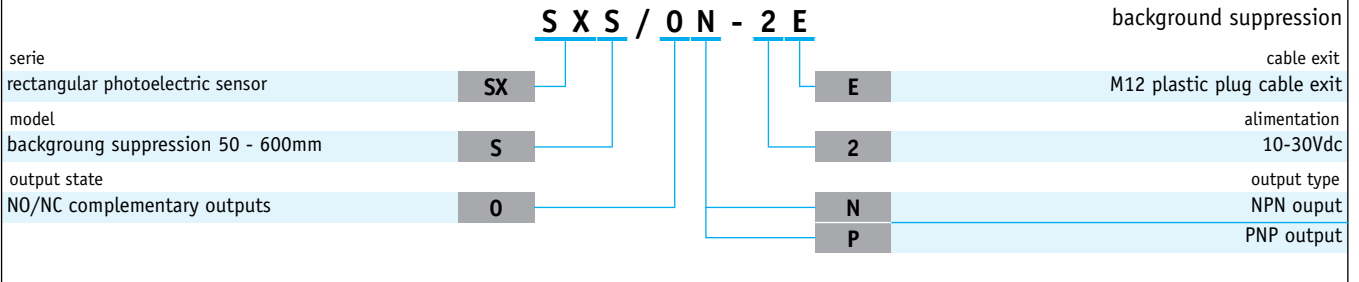
Key

- 1 Alignment sight
- 2 Mounting holes $\varnothing 4,1\text{mm}$
- 3 M12 plug cable exit
- 4 Center optical axis
- 5 Scanning distance adjuster
- 6 Yellow LED (output state)

Connectors **CD** serie
Accessories **ST** serie



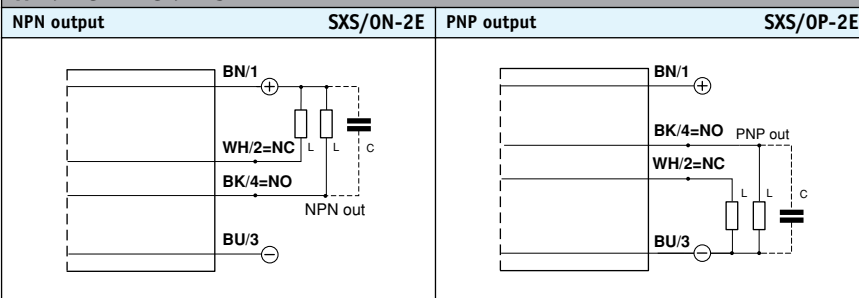
ORDERING SYSTEM



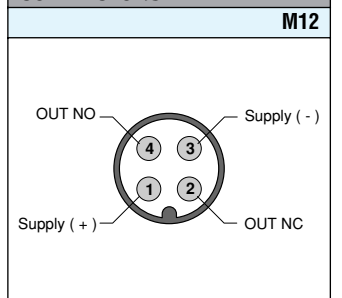
SPECIFICATIONS

Model	SXS/0*-2E
Type	background suppression
Nominal sensing distance (Sn)	50...600mm
Emission	red (660nm)
Operating voltage	10 - 30Vdc
Ripple	<5Vpp
No-load supply current	25mA
Load current	100 mA
Leakage current	≤10mA
Voltage drop	1,5V (NPN models), 2,9V (PNP models)
Output type	NPN or PNP, NO/NC complementary
Switching frequency	700Hz
Time delay before availability	200ms
Supply electrical protections	polarity reversal, transient
Output electrical protections	short circuit
Temperature range	-40°....+60°C (without freeze)
Temperature drift	≤10%
Interference to external light	10000lux (incandescent lamp)
Protection degree (DIN 40 050)	IEC IP67
LED indicators	yellow (output energized)
Housing material	plastic (glass fibre reinforced)
Lenses material	PMMA
Weight (approx.)	30g

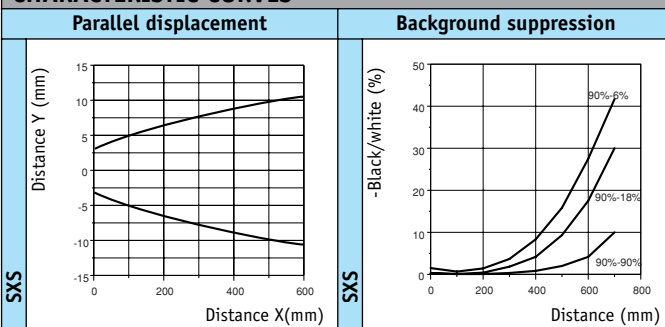
WIRING DIAGRAMS



CONNECTORS



CHARACTERISTIC CURVES



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