



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 80 x 80 x 26
Size	26 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Cable
Cable length	2 m
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	1.5...100 mA DC with overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Operating zone	0...32 mm
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm ²
Wire insulation material	PvR
Status LED	1 LED yellow for output state
Supply voltage limits	10...36 V DC
Residual current	<= 0.5 mA for open state

Switching frequency	<= 100 Hz
Voltage drop	<= 4 V at closed state
Delay first up	10 ms
Delay response	10 ms
Delay recovery	10 ms
Marking	CE
Depth	26 mm
Height	80 mm
Width	80 mm
Product weight	0.34 kg

Environment

Product certifications	CSA C-Tick UL Ecolab
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
Product environmental profile	Available  Product Environmental Profile
Product end of life instructions	Need no specific recycling operations  End of Life Information

Contractual warranty

Warranty period	18 months
-----------------	-----------

Technical drawing of the 1000 Series Stylus Tip showing side and top views with dimensions in mm and inches.

Side View Dimensions:

- Overall width: 26 mm (1.02 in.)
- Width of top section: 16 mm (0.63 in.)
- Overall height: 80 mm (3.15 in.)

Top View Dimensions:

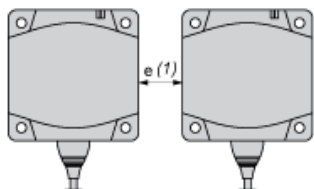
- Overall width: 80 mm (3.15 in.)
- Width of central section: 65 mm (2.56 in.)
- Width of side section: 5.5 (2) mm (0.22 (2) in.)
- Overall height: 65 mm (2.56 in.)
- Height of bottom section: 23 mm (0.91 in.)

- (1) LED
- (2) For CHC type screws

Setting-up

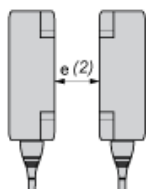
Minimum Mounting Distances (mm)

Side by Side



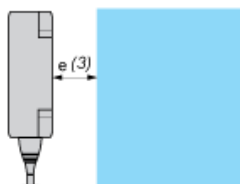
$$e (1) \geq 120$$

Face to Face



$$e (2) \geq 300$$

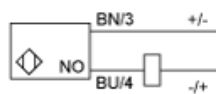
Facing a Metal Object



$$e (3) \geq 120$$

Wiring Schemes

2-Wire NO



BU : Blue
BN : Brown