

XS7C1A1NAL2

Inductive proximity sensors XS, inductive sensor XS7 40x40x15, PBT, Sn15mm, 12...24 VDC, cable 2 m



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 40 x 40 x 15
Size	15 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	3-wire
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	cable
Cable length	2 m
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 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...12 mm
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...36 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2 V (closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	10 ms
Maximum delay response	2 ms
Maximum delay recovery	5 ms
Marking	CE
Depth	15 mm
Height	40 mm
Width	40 mm
Net weight	0.095 kg

Environment

Product certifications	Ecolab UL CSA C-Tick
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

Packing Units

Package 1 Weight	0.125 kg
Package 1 Height	0.430 dm
Package 1 width	0.970 dm
Package 1 Length	1.340 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile

Contractual warranty

Warranty	18 months
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Technical drawing of the 1000 Series Stylus Tip, showing side and top views with dimensions in mm and in.

Side View Dimensions:

- Top width: 15 mm (0.59 in.)
- Top width (inner): 9.8 mm (0.39 in.)
- Height: 40 mm (1.57 in.)

Top View Dimensions:

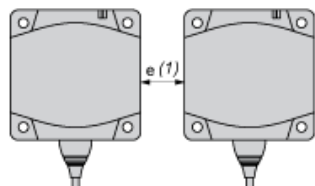
- Overall width: 40 mm (1.57 in.)
- Inner width: 33 mm (1.30 in.)
- Inner width (inner): 33 mm (1.30 in.)
- Height: 33 mm (1.30 in.)
- Height (inner): 14 mm (0.55 in.)
- Bottom width: 4.5 (2) mm (0.18 (2) in.)

- Life Is On | Schneider Electric

Setting-up

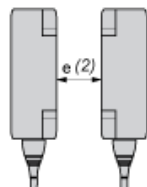
Minimum Mounting Distances (mm)

Side by Side



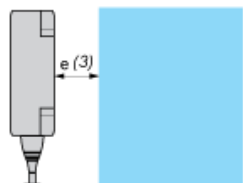
$e (1) \geq 45$

Face to Face



$e (2) \geq 110$

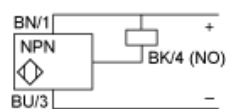
Facing a Metal Object



$e (3) \geq 45$

Wiring Schemes

NPN



BU : Blue
BN : Brown
BK : Black