

XS7C1A1DBL5

inductive sensor XS7 40x40x15 - PBT -
Sn15mm - 12..24VDC - cable 5m



Main

Range of product	OsiSense 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	2-wire
Discrete output function	1 NC
Output circuit type	DC
Electrical connection	Cable
Cable length	5 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...12 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	20...264 V AC/DC
Residual current	<= 0.5 mA for open state
Switching frequency	<= 1000 Hz
Voltage drop	<= 4 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	5 ms
Delay response	0.3 ms
Delay recovery	0.7 ms
Marking	CE
Depth	15 mm
Height	54 mm
Width	40 mm
Product weight	0.215 kg

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Environment

Product certifications	CSA C-Tick UL
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

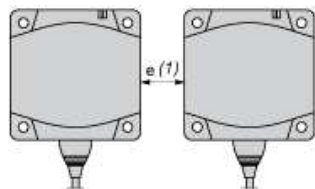
Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Need no specific recycling operations

Setting-up

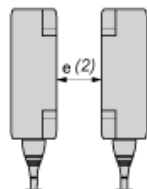
Minimum Mounting Distances (mm)

Side by Side



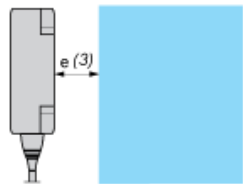
$e (1) \geq 45$

Face to Face



$e (2) \geq 110$

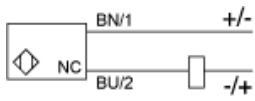
Facing a Metal Object



$e (3) \geq 45$

Wiring Schemes

2-Wire NC



BU : Blue
BN : Brown