

XS7J1A1PAL2

inductive sensor XS7 8x22x8 - PBT - Sn2.5mm
- 12..24VDC - cable 2m



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 8 x 22 x 8
Size	8 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	PNP
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	IP67 conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Operating zone	0...2 mm
Differential travel	1...15% of Sr
Cable composition	3 x 0.11 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	<= 2000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	5 ms
Delay response	0.1 ms
Delay recovery	0.1 ms
Marking	CE
Depth	8 mm
Height	22 mm
Width	8 mm

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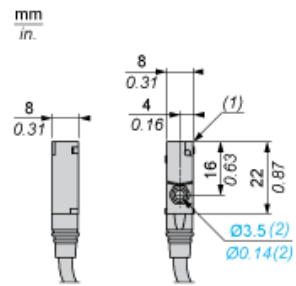
Environment

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

Dimensions

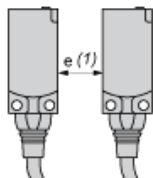


- (1) LED
- (2) For CHC type screws

Setting-up

Minimum Mounting Distances (mm)

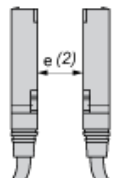
Side by Side



e (1) 7.5

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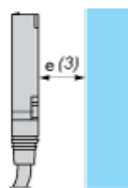
Face to Face



e (2) 20

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Facing a Metal Object

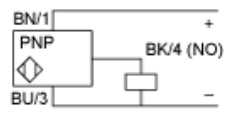


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Wiring Schemes

PNP



BU : Blue
BN : Brown
BK : Black