



# XS8C4A1MPN12

inductive sensor XS8 40x40x117 - PBT - Sn20 mm - 24..240VAC/DC - terminals



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## Main

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<b>Range of product</b>	OsiSense XS
<b>Series name</b>	General purpose
<b>Sensor type</b>	Inductive proximity sensor
<b>Device application</b>	-
<b>Sensor name</b>	XS8
<b>Sensor design</b>	Form 40 x 40 x 117
<b>Size</b>	117 mm
<b>Body type</b>	Fixed
<b>Detector flush mounting acceptance</b>	Flush mountable
<b>Material</b>	Plastic
<b>Enclosure material</b>	PBT
<b>Type of output signal</b>	Discrete
<b>Wiring technique</b>	2-wire
<b>[Sn] nominal sensing distance</b>	20 mm
<b>Discrete output function</b>	1 NO or 1 NC programmable
<b>Output circuit type</b>	AC/DC
<b>Electrical connection</b>	Screw-clamp terminals, clamping capacity: 4 x 1.5 mm <sup>2</sup>
<b>[Us] rated supply voltage</b>	24...240 V AC 50/60 Hz 24...240 V DC
<b>Switching capacity in mA</b>	5...200 mA DC 5...300 mA AC
<b>IP degree of protection</b>	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

## Complementary

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<b>Detection face</b>	5 positions turret head
<b>Front material</b>	PBT
<b>Operating zone</b>	0...16 mm
<b>Differential travel</b>	3...15% of Sr
<b>Repeat accuracy</b>	<= 3% of Sr
<b>Cable entry number</b>	1 tapped entry for 1/2" NPT cable gland
<b>Status LED</b>	1 LED green for supply on 1 LED yellow for output state
<b>Supply voltage limits</b>	20...264 V AC/DC
<b>Residual current</b>	<= 1.5 mA for open state 120 V <= 0.6 mA for open state 24 V
<b>Switching frequency</b>	<= 25 Hz AC <= 50 Hz DC
<b>Voltage drop</b>	<= 5.5 V at closed state

Delay first up	<= 7.5 ms
Delay response	<= 1.2 ms
Delay recovery	<= 1.8 ms
Marking	CE
Height	40 mm
Length	40 mm
Width	117 mm
Product weight	0.244 kg


## Environment

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Product certifications	CCC CSA 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 EN 60068-2-27

## Offer Sustainability

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Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1213 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available  <a href="#">download Product environmental</a>
Product end of life instructions	Need no specific recycling operations

## Contractual warranty

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Period	18 months
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