



### Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Sensor design	Flat form 80 x 80 x 26
Size	40 mm
Body type	Fixed clippable onto DIN rail
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	40 mm flush mountable 60 mm non flush mountable
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	10 m
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP68 double insulation conforming to IEC 60529

### Complementary

Detection face	Frontal
Front material	PBT
Fine adjustment zone	20...40 mm flush mountable 20...60 mm non flush mountable
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR

Supply voltage limits	20...264 V AC/DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 150 Hz
Voltage drop	<= 5.5 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 15 ms
Delay response	<= 0.3 ms
Delay recovery	<= 6 ms
Marking	CE
Depth	40 mm
Height	80 mm
Width	80 mm



## Environment

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 IEC 60068-2-27

## Contractual warranty

Warranty period	18 months
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XS8D1A1MAL10DIN is replaced by the following group of products:

	<p><b>Inductive sensors XS XS8D1A1MAU20DIN</b>  inductive sensor XS8 80x80x26 - PBT - Sn60mm - 24..240VAC/DC - 1/2"  Qty 1</p>
	<p><b>General purpose XZCP1865L10</b>  pre-wired connectors XZ - straight female - 1/2"20 UNF - 3 pins - cable PUR 10m  Qty 1</p>

Reason for Substitution: End of life | Substitution date: 30 December 2009