



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS8
Sensor design	Flat form 26 x 26 x 13
Size	13 mm
Body type	Fixed
Flush mountability	Non flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring techniques	2-wire
Sd sensing range	> 8...15 mm
[Sn] nominal sensing distance	10 mm flush mountable 15 mm non flush mountable
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Cable
Cable length	2 m
Us rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5 - 200 mA AC/DC
IP degree of protection	IP68 double insulation conforming to IEC 60529

Complementary

Detection face	Frontal
Fine adjustment zone	5 - 10 mm flush mountable 5 - 15 mm non flush mountable
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm ²
Wire insulation material	PvR
Supply voltage limits	20 - 264 V AC/DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 2000 Hz
Voltage drop	<= 5.5 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.8 ms
Marking	CE
Depth	13 mm
Height	26 mm
Width	26 mm
CAD overall height	40 mm
CAD overall depth	13 mm
Product weight	0.07 kg

Environment

Product certifications	CCC CSA UL
Ambient air temp for op	-25...70 °C
Ambient air temp 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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[XS8E1A1MAL2](#)