

XS7C1A1NAM8

inductive sensor XS7 40x40x15 - PBT -
Sn15mm - 12..24VDC - M8



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS7
Sensor design	Flat form 40 x 40 x 15
Size	15 mm
Body type	Fixed
Flush mountability	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring techniques	3-wire
Sd sensing range	> 8...15 mm
[Sn] nominal sensing distance	15 mm
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	3 pins M8 male connector
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
Operating zone	0...12 mm
Differential travel	1...15% of Sr
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	<= 1000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	10 ms
Delay response	2 ms
Delay recovery	5 ms
Marking	CE
Depth	15 mm
Height	40 mm
Width	40 mm
CAD overall height	51 mm
CAD overall depth	15 mm
Product weight	0.06 kg

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Environment

Product certifications	CSA C-Tick 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

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