

# XS7D1A1DAL2

inductive sensor XS7 80x80x26 - PBT - Sn40mm - 12..24VDC - cable 2m



## 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 80 x 80 x 26
Size	15 mm
Body type	Fixed
Flush mountability	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring techniques	2-wire
Sd sensing range	> 15...40 mm
[Sn] nominal sensing distance	40 mm
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Cable
Cable length	2 m
Us rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	1.5 - 100 mA DC with overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

## Complementary

Detection face	Frontal
Operating zone	0...32 mm
Differential travel	1...15% of Sr
Cable composition	2 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	1 LED yellow for output state
Supply voltage limits	20 - 264 V AC/DC
Residual current	<= 0.5 mA for open state
Switching frequency	<= 100 Hz
Voltage drop	<= 4 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	10 ms
Delay response	10 ms
Delay recovery	10 ms
Marking	CE
Depth	26 mm
Height	80 mm
Width	80 mm
CAD overall height	103 mm
CAD overall depth	26 mm
Product weight	0.34 kg

## 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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