

Product data sheet

Characteristics

XS7T4DA214LD01

inductive sensor XS7 40x40x40 - plastic -
Sn15mm - 12..48VDC - M12



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS7
Sensor design	Cubic form 40 x 40 x 40
Size	40 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	15 mm
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Remote male connector M12 4 pins
Cable length	0.15 m
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	1.5...100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Front material	Plastic
Operating zone	0...12 mm
Differential travel	3...20% of Sr
Repeat accuracy	<= 3% of Sr
Status LED	1 LED (yellow) for output state
Supply voltage limits	10...58 V DC
Residual current	<= 0.7 mA, open state
Switching frequency	<= 150 Hz

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Voltage drop	<= 5.2 V, closed state
Delay first up	<= 5 ms
Delay response	<= 2 ms
Delay recovery	<= 5 ms
Marking	CE
Depth	40 mm
Height	40 mm
Width	40 mm

Environment

Product certifications	CCC CSA UL
Ambient air temperature for operation	-25...70 °C

Offer Sustainability

RoHS (date code: YYWW)	Compliant Schneider Electric declaration of conformity
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Need no specific recycling operations End of Life Information

Contractual warranty

Warranty period	18 months
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