

Product data sheet

Characteristics

XS7T4DA214LD01

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



Main

Range of product	Telemecanique Inductive proximity sensors 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	Output state: 1 LED (yellow)
Supply voltage limits	10...58 V DC
Maximum residual current	0.7 mA open state
Switching frequency	<= 150 Hz
Maximum voltage drop	<5.2 V (closed)
Maximum delay first up	5 ms
Maximum delay response	2 ms
Maximum delay recovery	5 ms
Marking	CE
Depth	40 mm
Height	40 mm
Width	40 mm

Environment

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

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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months
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