

Product data sheet

Characteristics

XS7T4PC440L1TF

inductive sensor XS7 40x40x40 - plastic -
Sn15mm - 12..48VDC - cable 5m



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	4-wire
[Sn] nominal sensing distance	15 mm
Discrete output function	1 NO + 1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	5 m
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 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
Cable composition	4 x 0.34 mm ²
Wire insulation material	PVC
Status LED	1 LED (yellow) for output state

Supply voltage limits	10...58 V DC
Residual current	<= 0.1 mA, open state
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V, closed state
Current consumption	0...10 mA (no-load)
Delay first up	<= 7 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE
Depth	40 mm
Height	40 mm
Width	40 mm

Environment

Product certifications	CCC CSA UL
Ambient air temperature for operation	-40...70 °C

Contractual warranty

Warranty period	18 months
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