XT7C40FP262

capacitive sensor - XT7 - 40 x 40 x 117 - plastic - Sn 15 mm - 24..240 V AC



Main

Range of product	OsiSense XT
Sensor type	Capacitive proximity sensor
Product specific application	Detection of insulated materials
Sensor name	XT7
Sensor design	Form 40 x 40 x 117
Size	117 mm
Body type	Plug-in body
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 or 1 NC programmable
Output circuit type	AC
Electrical connection	Screw clamp terminal 3 x 1.5 mm ²
[Us] rated supply voltage	24240 V AC 5060 Hz
Delay response	<= 20 ms
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	5 positions turret head	
Differential travel	< 0.2 x Sr	
Repeat accuracy	< 0.1 x Sr	
Cable entry	1 entry tapped for Pg 13.5 cable gland	
Status LED	1 LED (green) for supply state indication 1 LED (yellow) for output state indication	
Supply voltage limits	20264 V AC	
Residual current	< 1.5 mA (open state)	
Switching frequency	<= 25 Hz	
Voltage drop	<= 5.5 V (closed)	
Delay first up	<= 150 ms	
Delay recovery	<= 30 ms	
Maximum switching current	350 mA	
Marking	CE	
Setting-up	Sensitivity by potentiometer	
Depth	40 mm	
Height	117 mm	
Width	40 mm	
Product weight	0.22 kg	

Environment

product certifications	CSA UL
ambient air temperature for operation	-2570 °C

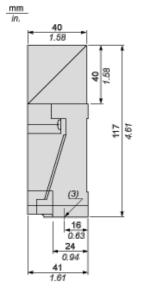
Offer Sustainability

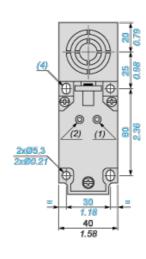
Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Will be Compliant on 3Q2013 Will be Compliant on 3Q2013

Contractual warranty

Warranty period	18 months

Dimensions





- (1) Output LED
- (2) Supply LED
- (3) 1 tapped entry for 13P cable gland
- (4) 2 elongated holes Ø 5.3 x 7

Setting-up

Minimum Mounting Distances (mm)

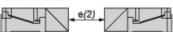
Side by side



e(1) 40

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Face to face



e(2) 120

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Wiring Diagram

2-wire AC Programmable NO or NC Output, Depending on Position of Link

