



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	0.59 in (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	24...240 V AC 50...60 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) supply state indication 1 LED (yellow) output state indication
Supply voltage limits	20...264 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	1.57 in (40 mm)
Height	4.61 in (117 mm)
Width	1.57 in (40 mm)
Product weight	0.49 lb(US) (0.22 kg)

Environment

product certifications	CSA UL
ambient air temperature for operation	-13...158 °F (-25...70 °C)

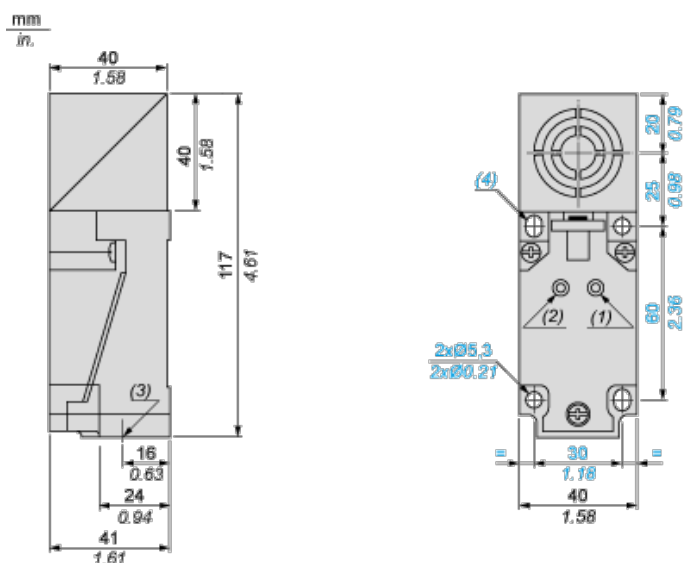
Offer Sustainability

Not Green Premium product	Not Green Premium product
Will be Compliant on 3Q2013	Will be Compliant on 3Q2013 Will be Compliant on 3Q2013
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
-----------------	-----------

Dimensions

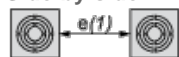


- (1) Output LED
- (2) Supply LED
- (3) 1 tapped entry for 13P cable gland
- (4) 2 elongated holes Ø 5.3 x 7

Setting-up

Minimum Mounting Distances (mm)

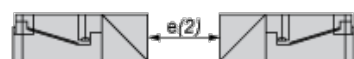
Side by side



e(1) 40

≥

Face to face



e(2) 120

≥

Wiring Diagram

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

