

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	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
Maximum delay response	20 ms
IP degree of protection	IP67 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	Supply state indication 1 LED green) Output state indication 1 LED yellow)
Supply voltage limits	20...264 V AC
Maximum residual current	1.5 mA open state
Switching frequency	<= 25 Hz
Maximum voltage drop	<5.5 V closed)
Maximum delay first up	150 ms
Maximum delay recovery	30 ms
Maximum switching current	350 mA
Marking	CE
Setting-up	Sensitivity by potentiometer
Maximum Depth	1.57 in (40 mm)
Maximum Height	4.61 in (117 mm)
Maximum Width	1.57 in (40 mm)
Net Weight	0.49 lb(US) (0.22 kg)

Environment

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



Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901741800
Nbr. of units in pkg.	1
Package weight(Lbs)	0.48 lb(US) (0.22 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.97 in (5 cm)
Package 1 width	1.97 in (5 cm)
Package 1 Length	5.71 in (14.5 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	14
Package 2 Weight	7.47 lb(US) (3.387 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

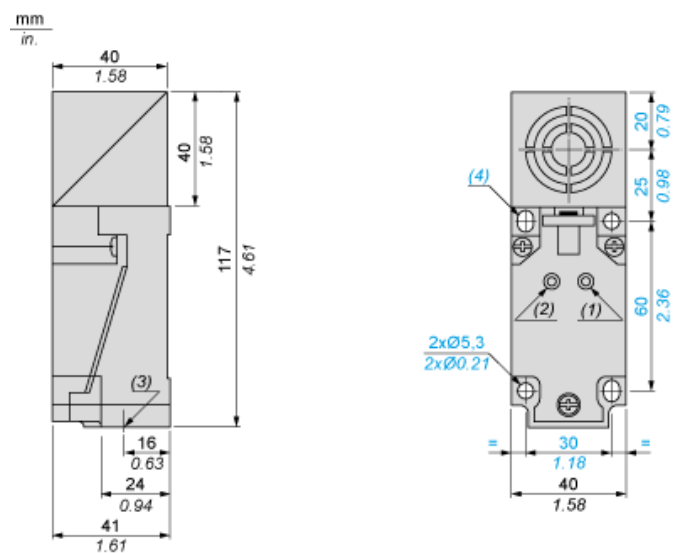
Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes

Contractual warranty

Warranty	18 months
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Dimensions

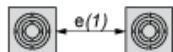


- (1) Output LED
- (2) Supply LED
- (3) 1 tapped entry for 13P cable gland
- (4) 2 elongated holes $\varnothing 5.3 \times 7$

Setting-up

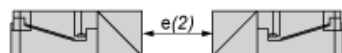
Minimum Mounting Distances (mm)

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

