

XT7C40FP262

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

Product Life Status : **END OF STANDARD SERVICE**

TODAY
FEB 22, 2021

End of Commercialization
JAN 06, 2021

End of Standard Service
JAN 12, 2021



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	24...240 V AC 50...60 Hz
Maximum delay response	20 ms
IP degree of protection	IP67 conforming to IEC 60529

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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
Depth	40 mm
Height	117 mm
Width	40 mm
Net weight	0.22 kg




Environment

Product certifications	UL CSA
Ambient air temperature for operation	-25...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	224 g
Package 1 Height	5 cm
Package 1 width	5 cm
Package 1 Length	14.5 cm
Unit Type of Package 2	S01
Number of Units in Package 2	14
Package 2 Weight	3.387 kg
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	40 cm

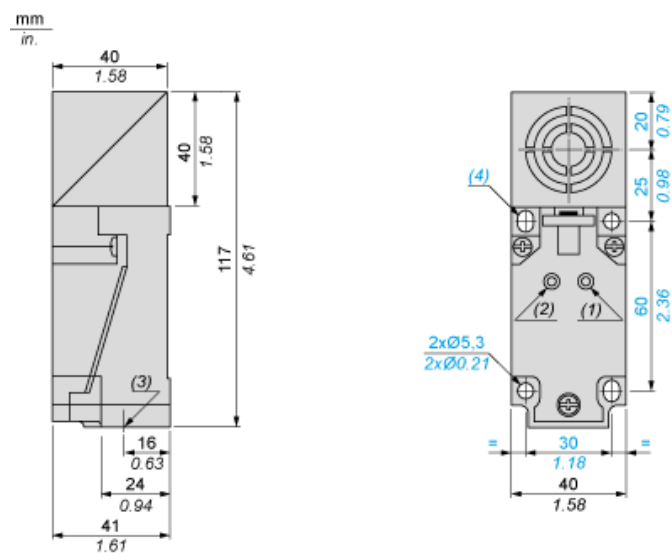
Offer Sustainability

REACH Regulation	 REACH Declaration
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

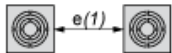


- (1) Output LED
- (2) Supply LED
- (3) 1 tapped entry for 13P cable gland
- (4) 2 elongated holes Ø 5.3 x 7

Setting-up

Minimum Mounting Distances (mm)

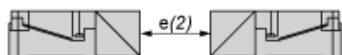
Side by side



$e(1)$ 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

