

# XT7C40PC440

capacitive sensor - XT7 - 40 x 40 x 117 - plastic  
- Sn 15 mm - 12..48 V DC

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	4-wire
[Sn] nominal sensing distance	15 mm
Discrete output function	1 NC + 1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Screw clamp terminal, 4 x 1.5 mm <sup>2</sup>
[Us] rated supply voltage	12...48 V DC
Maximum delay response	5 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	10...58 V DC
Protection type	Short-circuit protection

Switching frequency	<= 100 Hz
Maximum voltage drop	<2 V (closed)
Current consumption	<= 10 mA
Maximum delay first up	30 ms
Maximum delay recovery	5 ms
Maximum switching current	200 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	228 g
Package 1 Height	4.6 cm
Package 1 width	13.6 cm
Package 1 Length	4.6 cm
Unit Type of Package 2	S01
Number of Units in Package 2	14
Package 2 Weight	3.403 kg
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	40 cm

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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- (1) Output LED
- (2) Supply LED
- (3) 1 tapped entry for 13P cable gland
- (4) 2 elongated holes Ø 5.3 x 7

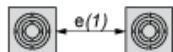
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## Setting-up

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### Minimum Mounting Distances (mm)

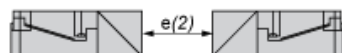
Side by side



$e(1)$  40

$\geq$

Face to face



$e(2)$  120

$\geq$

## Wiring Diagram

3-wire DC NO + NC Output

