XT7C40FP262

Telemecanique Capacitive proximity sensors XT, 40 x 40 x 117, plastic, Sn 15 mm, 24...240 V AC

Commercial status

Discontinued on: 31 December 2020

End-of-service on: 31 December 2020

⊘ **Discontinued**

Main

Range of product	Telemecanique Capacitive proximity sensors 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 mm²
[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

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

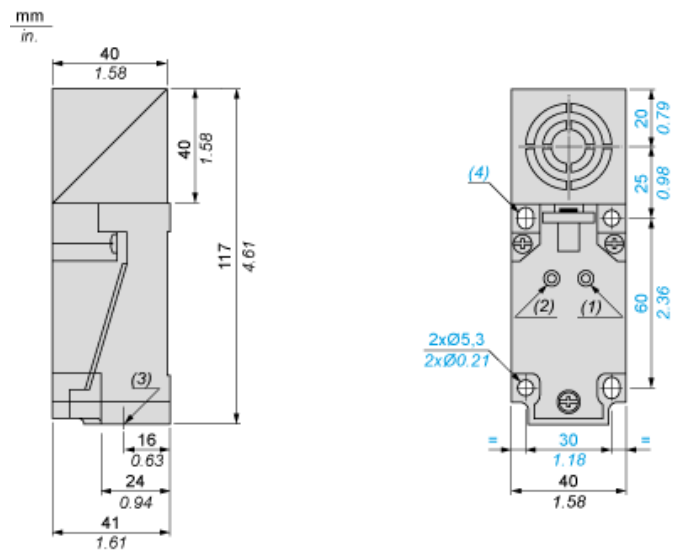|	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	224 g
Package 1 Height	5 cm
Package 1 width	5 cm
Package 1 Length	14.5 cm
Unit Type of Package 2	S01
Number of Units in Package 2	14
Package 2 Weight	3.387 kg
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	40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

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: 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. For more information go to www.P65Warnings.ca.gov

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

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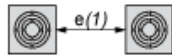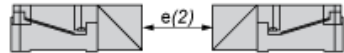Life Is On | Schneider Electric

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Setting-up

Minimum Mounting Distances (mm)

Side by side

e(1) ≥   40

Face to face

e(2) ≥   120

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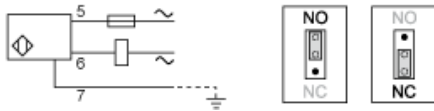
Wiring Diagram

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

XT7C40FP262 is replaced by the following product range:

OsiSense XS & XT

Inductive and capacitive proximity sensors

ex Osiprox, OsiSense XS & XT inductive & capacitive proximity sensors for non contact sensing