XT7C40FP262

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

Main

Range of product	Telemecanique Capacitive proximity sensors XT
Sensor type	Capacitive proximity sensor
Product specific application	Detection of insulated or conductive 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[RETURN]CSA
Ambient air temperature for operation	-25…70 °C

Jul 30, 2024

Packing Units

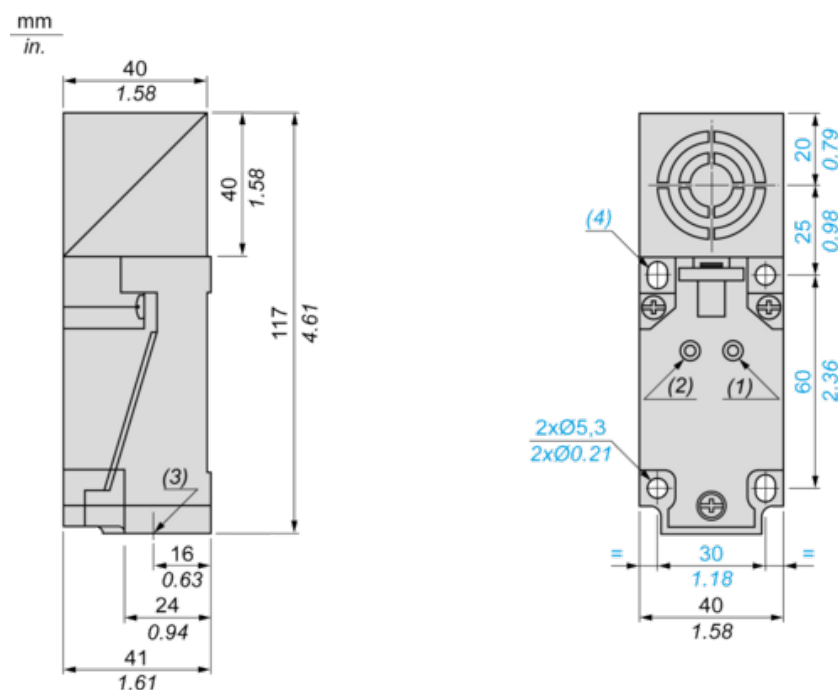|	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5 cm
Package 1 Width	5 cm
Package 1 Length	14.5 cm
Package 1 Weight	224 g

Offer Sustainability

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
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

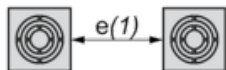|	
Warranty	18 months

Dimensions

(1) Output LED

(2) Supply LED

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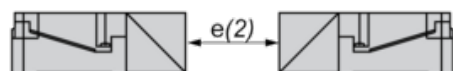
(4) 2 elongated holes Ø 5.3 x 7

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