XT7C40NC440

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
NOV 19, 2020

End of Standard Service
JAN 29, 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	NPN
Electrical connection	Screw clamp terminal, 4 x 1.5 mm²
[Us] rated supply voltage	12...48 V DC
Maximum delay response	5 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	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

Package 1 Weight	0.228 kg
Package 1 Height	0.500 dm
Package 1 width	1.450 dm
Package 1 Length	0.490 dm

Offer Sustainability

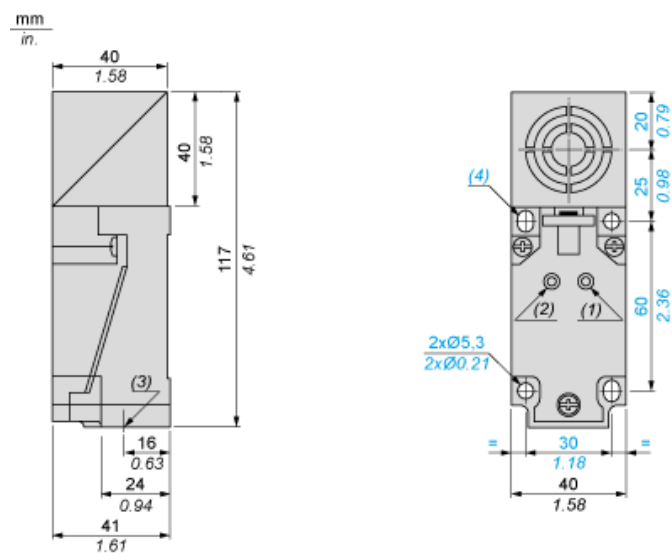|	
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

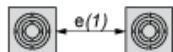|	
Warranty	18 months

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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
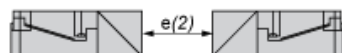
Setting-up

Minimum Mounting Distances (mm)

Side by side

e(1) 40
≥

Face to face

e(2) 120
≥

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Wiring Diagram

3-wire DC NO + NC Output