XS8C40NC449

inductive sensor XS8 40x40x117 - plastic - Sn40mm - 12..48VDC - terminals

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Sensor design	Form 40 x 40 x 117
Size	117 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	4-wire
[Sn] nominal sensing distance	40 mm
Discrete output function	1 NO + 1 NC
Output circuit type	DC
Discrete output type	NPN
Electrical connection	Screw-clamp terminals, 4 x 1.5 mm²
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	5 positions turret head
Front material	Plastic
Operating zone	0…32 mm
Differential travel	3...20% of Sr
Repeat accuracy	<= 3% of Sr
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10…58 V DC
Switching frequency	<= 500 Hz
Maximum voltage drop	<2 V (closed)
Current consumption	0...10 mA no-load
Maximum delay first up	5 ms
Maximum delay response	1 ms
Maximum delay recovery	1 ms
Marking	CE
Height	40 mm
Length	40 mm
Width	117 mm

Environment

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

Contractual warranty

Warranty	18 months

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Dimensions
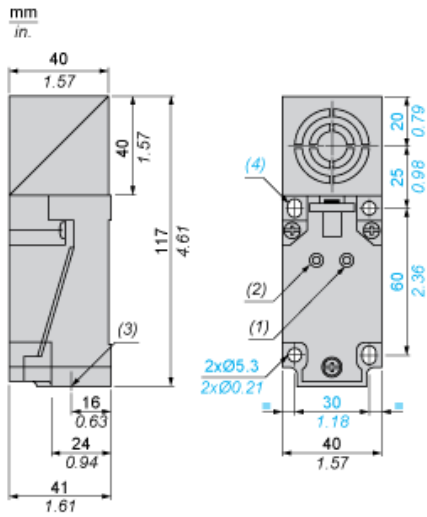
(1) Output LED
(2) Supply LED
(3) 1 tapped entry for Pg 13.5 cable gland
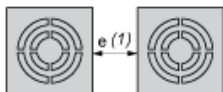(4) 2 elongated holes Ø 5.3 x 7

Setting-up

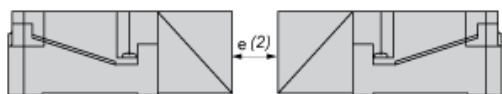### Minimum Mounting Distances (mm)

Side by Side

e (1) 160
≥
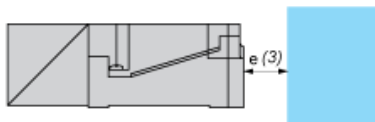
Face to Face

e (2) 320
≥

Facing a Metal Object

e (3) 120
≥

Tightening torque of cover fixing screws and clamp screws: < 1.2 N.m

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Wiring Schemes

4-Wire DC