Product data sheet
Characteristics

XS8C40PC440D

inductive sensor XS8 40x40x117 - plastic - Sn20mm - 12..48VDC - M12

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	20 mm
Discrete output function	1 NO or 1 NC programmable
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Male connector M12, 4 pins
[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…16 mm
Differential travel	3...20% of Sr
Repeat accuracy	<= 3% of Sr
Status LED	Supply on: 1 LED (green) Output state: 1 LED (yellow)
Supply voltage limits	10…58 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2 V (closed)
Current consumption	0...10 mA no-load
Maximum delay first up	5 ms
Maximum delay response	0.3 ms
Maximum delay recovery	0.7 ms
Marking	CE
Height	40 mm
Length	40 mm
Width	129 mm

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Environment

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

Contractual warranty

Warranty	18 months

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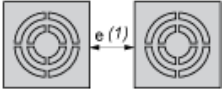
Dimensions
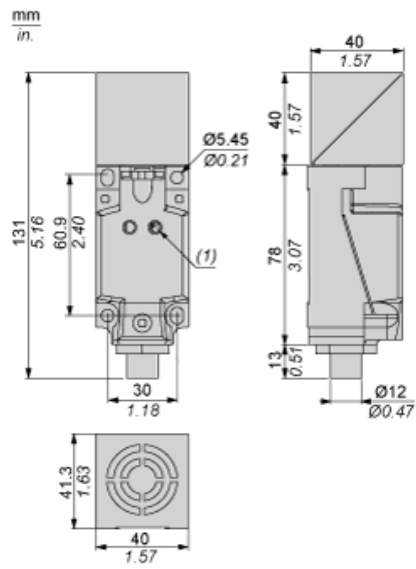
(1)   Output LED

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Setting-up

Minimum Mounting Distances (mm)
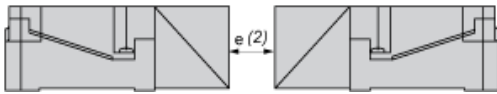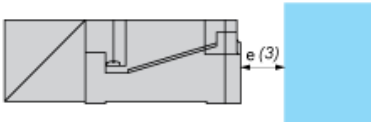
Side by Side

e (1) 80
≥

Face to Face

e (2) 160
≥

Facing a Metal Object

e (3) 60
≥

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Wiring Schemes

4-Wire DC