

XS8C2A4MBU20

inductive sensor XS8 40x40x70 - PBT - Sn40
mm - 24..240VAC/DC - 1/2"



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 70
Size	70 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	1.57 in (40 mm)
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	Male connector 1/2"20 UNF, 3 pins
[Us] rated supply voltage	24...240 V AC 50/60 Hz 24...240 V DC
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP67 IEC 60529 IP65 IEC 60529 IP69K DIN 40050

Complementary

Detection face	5 positions turret head
Front material	PBT
Operating zone	0.00...1.26 in (0...32 mm)
Differential travel	3...15% of Sr
Repeat accuracy	<= 3% of Sr
Status LED	Supply on 1 LED green) Output state 1 LED yellow)
Supply voltage limits	20...264 V AC/DC
Maximum residual current	1.5 MA open state 120 V 0.6 mA open state 24 V
Switching frequency	<= 25 Hz AC <= 50 Hz DC
Maximum voltage drop	<5.5 V closed)
Maximum delay first up	7.5 ms
Maximum delay response	1.4 ms
Maximum delay recovery	2.5 ms
Marking	CE
Maximum Height	1.57 in (40 mm)
Length	1.57 in (40 mm)
Maximum Width	2.76 in (70 mm)
Net Weight	0.33 lb(US) (0.149 kg)

Environment

Product certifications	UL CCC CSA
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	25 gn +/- 2 mm 10...55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 msEN 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	03389119057950
Nbr. of units in pkg.	1
Package weight(Lbs)	0.33 lb(US) (0.15 kg)
Returnability	No
Country of origin	FR

Packing Units

Package 1 Height	0.880 dm
Package 1 width	0.430 dm
Package 1 Length	0.470 dm

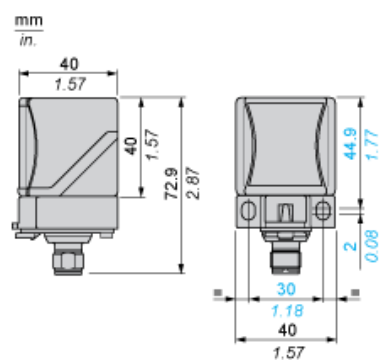
Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP) and Diisononyl phthalate (DINP) which is known to the State of California to cause Carcinogen and Reproductive harm. For more information go to www.p65warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

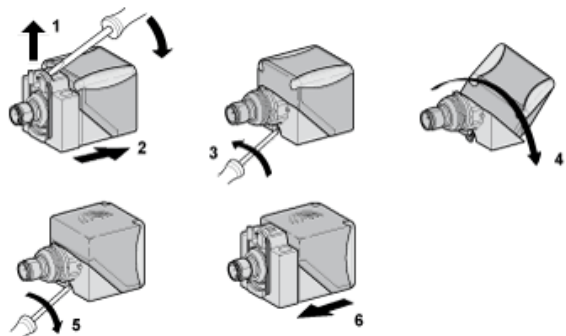
Warranty	18 months
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Dimensions



Mounting

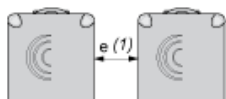
Head Positions



Setting-up Precautions

Minimum Mounting Distances (mm)

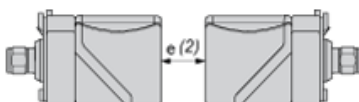
Side by Side



e (1) 160

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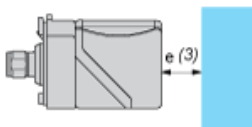
Face to Face



e (2) 320

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Facing a Metal Object

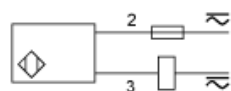


e (3) 120

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Wiring Schemes

2-Wire NC Output



1/2"-20UNF

