XS8C2A4NCM12

inductive sensor XS8 40x40x70 - PBT - Sn40 mm - 12..48VDC - M12

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	Mobile equipment
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	3-wire
[Sn] nominal sensing distance	40 mm
Discrete output function	1 NO + 1 NC
Output circuit type	DC
Discrete output type	NPN
Electrical connection	4 pins M12 male connector
[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	IP65 conforming to IEC 60529 IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Detection face	5 positions turret head
Front material	PBT
Operating zone	0...32 mm

Mar 09, 2017

Life Is On | Schneider Electric

Differential travel	3...15% of Sr
Repeat accuracy	<= 3% of Sr
Status LED	1 LED green for supply on 1 LED yellow for output state
Supply voltage limits	10...58 V DC
Switching frequency	<= 500 Hz
Voltage drop	<= 2 V at closed state
Current consumption	0...15 mA at no-load
Delay first up	<= 7.5 ms
Delay response	<= 1.4 ms
Delay recovery	<= 2.5 ms
Marking	CE
Height	40 mm
Length	40 mm
Width	70 mm
Product weight	0.149 kg

Environment

| Product certifications	E2 CSA CCC UL
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to EN 60068-2-27

Offer Sustainability

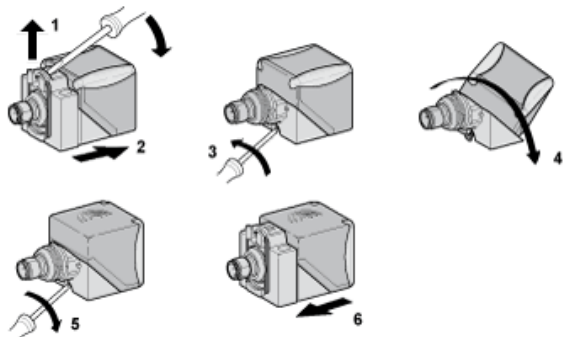| Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1213 - Schneider Electric declaration of conformity 📄 Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available 📄 Product environmental
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months

Life Is On | Schneider Electric

XS8C2A4NCM12

Dimensions

Life Is On | Schneider Electric
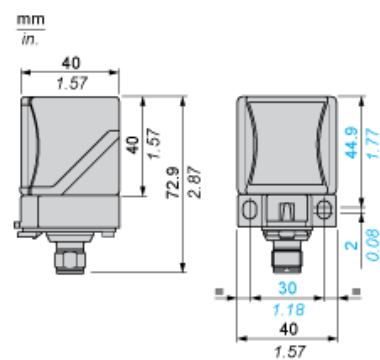
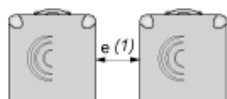## Mounting

Head Positions

Life Is On | Schneider Electric

Setting-up Precautions

Minimum Mounting Distances (mm)

Side by Side

e (1) ≥160

Face to Face
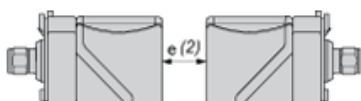
e (2) ≥320

Facing a Metal Object

e (3) ≥120

XS8C2A4NCM12

Wiring Schemes

4-Wire DC