XS8D1A1PAM12

inductive sensor XS8 80x80x26 - PBT - Sn60mm - 12..24VDC - M12

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Sensor design	Flat form 80 x 80 x 26
Size	26 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 flush mountable 60 mm non flush mountable
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	4 pins M12 male connector
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA DC with overload and short-circuit protection
IP degree of protection	IP67 double insulation conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Fine adjustment zone	20...40 mm flush mountable 20...60 mm non flush mountable

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Differential travel	1...15% of Sr
Supply voltage limits	10...36 V DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 150 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 6 ms
Marking	CE
Depth	26 mm
Height	80 mm
Width	80 mm
Product weight	0.34 kg

Environment

| Product certifications	CSA UL Ecolab
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 IEC 60068-2-27

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0825 - 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 End of life manual
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months

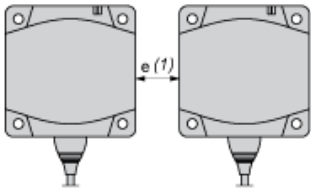Life Is On | Schneider Electric

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Dimensions
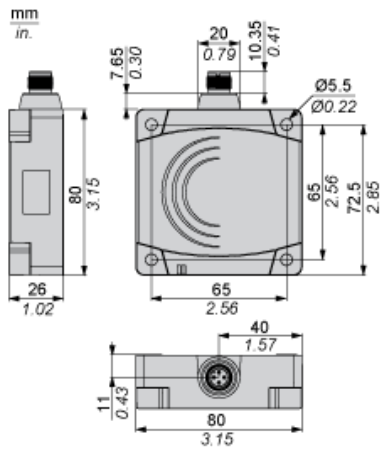
Setting-up

Minimum Mounting Distances (mm)

Side by Side

Face to Face
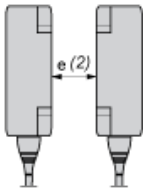
Facing a Metal Object
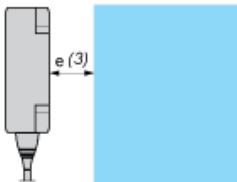
	e (1)	e (2)	e (3)
Flush mounted	200	400	40
Not flush mounted	600	not recommended	

Wiring Schemes

PNP

M12