



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 80 x 80 x 26
Size	40 mm
Body type	Fixed clippable onto DIN rail
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	3-wire
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	<= 100 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
Operating zone	0...32 mm
Differential travel	1...15% of Sr
Status LED	1 LED yellow for output state

Supply voltage limits	10...36 V DC
Switching frequency	<= 100 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	30 ms
Delay response	5 ms
Delay recovery	35 ms
Marking	CE
Depth	40 mm
Height	80 mm
Width	80 mm

Environment

Product certifications	CSA C-Tick 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 IEC 60068-2-27

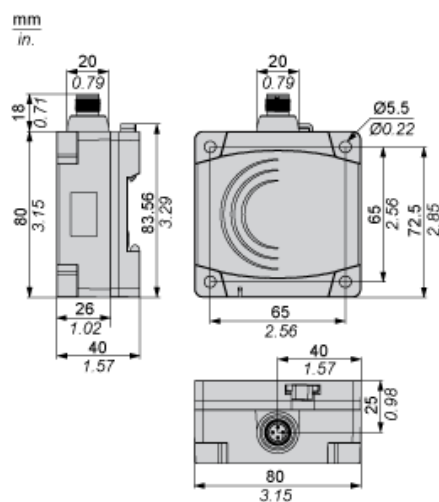
Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0903 - 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 Profile
Product end of life instructions	Need no specific recycling operations  End of Life Information

Contractual warranty

Warranty period	18 months
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Dimensions

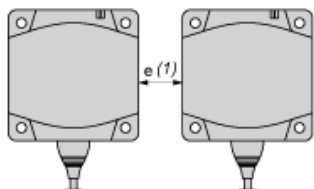


(1) Cable gland : M9.5 x 1

Setting-up

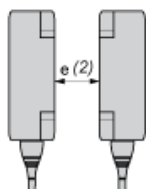
Minimum Mounting Distances (mm)

Side by Side



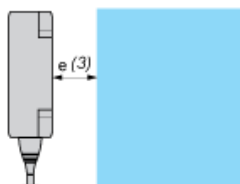
$$e (1) \geq 120$$

Face to Face



$$e (2) \geq 300$$

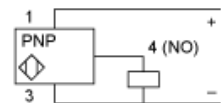
Facing a Metal Object



$$e (3) \geq 120$$

Wiring Schemes

PNP



M12

