



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 40 x 40 x 15
Size	15 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	3 pins M8 male connector
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	1.5...100 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary




Detection face	Frontal
Front material	PBT
Operating zone	0...12 mm
Differential travel	1...15% of Sr
Status LED	1 LED yellow for output state
Supply voltage limits	10...36 V DC

Residual current	<= 0.5 mA for open state
Switching frequency	<= 1000 Hz
Voltage drop	<= 4 V at closed state
Delay first up	5 ms
Delay response	0.3 ms
Delay recovery	0.7 ms
Marking	CE
Depth	15 mm
Height	40 mm
Width	40 mm

Environment

Product certifications	CSA C-Tick 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

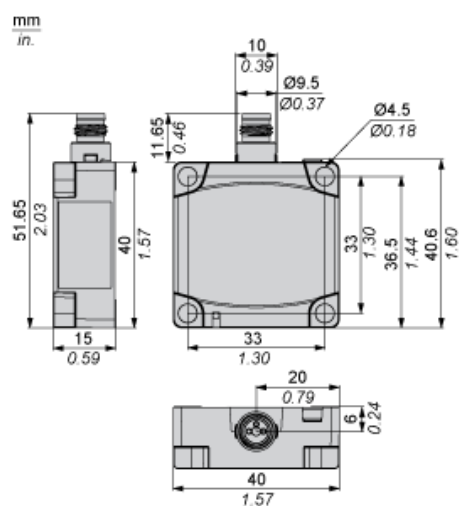
Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 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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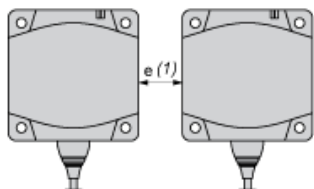
Dimensions



Setting-up

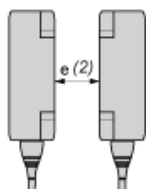
Minimum Mounting Distances (mm)

Side by Side



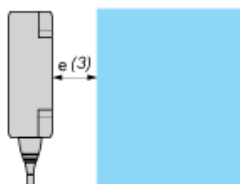
$$e (1) \geq 45$$

Face to Face



$$e (2) \geq 110$$

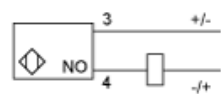
Facing a Metal Object



$$e (3) \geq 45$$

Wiring Schemes

2-Wire NO



M8

