



### Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS7
Sensor design	Form 12 x 40 x 26
Size	26 mm
Body type	Fixed
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	2 mm
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	3 pins M8 male connector
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	<= 100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

### Complementary

Detection face	Lateral
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Front material	Plastic
Operating zone	0...1.6 mm
Differential travel	3...20% of Sr
Repeat accuracy	<= 10% of Sr

Output circuit type	DC
Status LED	1 LED yellow for output state
Supply voltage limits	10...30 V DC
Switching frequency	<= 2000 Hz
Voltage drop	<= 1.8 V at closed state
Current consumption	0...10 mA at no-load
Delay first up	<= 4 ms
Delay response	<= 0.5 ms
Delay recovery	<= 1 ms
Marking	CE
Depth	31 mm
Height	45 mm
Width	12 mm

## Environment

Product certifications	CSA 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 0836 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product Environmental Profile</a>
Product end of life instructions	Need no specific recycling operations <a href="#">End of Life Information</a>

## Contractual warranty

Warranty period	18 months
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