



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Protection type	Short-circuit protection
Device application	2-wire DC short-circuit protection
Sensor name	XS3
Sensor design	Cylindrical M12
Body type	Fixed
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Us] rated supply voltage	24...240 V AC 50/60 Hz 24...210 V DC
Switching capacity in mA	5...200 mA DC with overload and short-circuit protection 5...300 mA AC with overload and short-circuit protection

Complementary

Thread type	M12 x 1
Detection face	Frontal
Front material	PPS
Differential travel	1...15% of Sr
Supply voltage limits	20...264 V AC/DC
Residual current	<= 1.5 mA open state
Voltage drop	<= 5.5 V at closed state
Delay first up	<= 70 ms
Marking	CE
Height	0.47 in (12 mm)

Environment

product certifications	CCC CSA UL
ambient air temperature for operation	-13...158 °F (-25...70 °C)
ambient air temperature for storage	-40...185 °F (-40...85 °C)
vibration resistance	25 gn amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
shock resistance	50 gn 11 ms conforming to IEC 60068-2-27

Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0821 - Schneider Electric declaration of conformity	Compliant - since 0821 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:

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Contractual warranty

Warranty period	18 months
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