



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 M18
Body type	Fixed
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Us] rated supply voltage	24...210 V DC 24...240 V AC 50/60 Hz
Switching capacity in mA	5...300 mA AC with overload and short-circuit protection 5...200 mA DC with overload and short-circuit protection

Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Differential travel	1...15% of Sr
Maximum residual current	1.5 mA open state
Maximum voltage drop	<5.5 V (closed state)
Maximum delay first up	70 ms
Marking	CE
Height	18 mm

Environment

Product certifications	CCC 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 60068-2-7

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
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