Product data sheet Characteristics

XS1L04PA310S

Inductive proximity sensors XS, inductive sensor XS1 Ø4, L42mm, brass, Sn1mm, 5..24VDC, M8





Main

IVIAIII		
Range of product	Telemecanique Inductive proximity sensors XS	
Series name	General purpose	
Sensor type	Inductive proximity sensor	
Device application	-	
Sensor name	XS1	
Sensor design	Cylindrical Ø 4 mm plain	
Size	42 mm	
Body type	Fixed	
Detector flush mounting acceptance	Flush mountable	
Material	Metal	
Type of output signal	Discrete	
Wiring technique	3-wire	
[Sn] nominal sensing distance	1 Mm	
Discrete output function	1 NO	
Output circuit type	DC	
Discrete output type	PNP	
Electrical connection	Male connector M8, 3 pins	
[Us] rated supply voltage	524 V DC	
Switching capacity in mA	<= 100 mA with overload and short-circuit protection	
IP degree of protection	IP67 conforming to IEC 60529	

Complementary

Complementary		
Detection face	Frontal	
Front material	PPS	
Enclosure material	Nickel plated brass	
Operating zone	00.8 Mm	
Status LED	Output state: 1 LED (yellow)	
Supply voltage limits	530 V DC	
Switching frequency	<= 5000 Hz	
Maximum voltage drop	<2 V (closed)	
Current consumption	<= 10 mA no-load	
Maximum delay first up	5 Ms	
Maximum delay response	1 Ms	

Threaded length	Marking	CE	
Length			
Not weight			
Environment Product certifications CSA UL Ambient air temperature for operation -2570 °C Ambient air temperature for storage -4085 °C Vibration resistance 25 gn amplitude = +/- 2 mm (f = 1055 Hz) conforming to IEC 60068-2-6 Shock resistance 50 gn for 11 ms conforming to IEC 60068-2-27 Packing Units Unit Type of Package 1 PCE Number of Units in Package 1 Package 1 Weight 8.0 G Package 1 Height 4.1 Cm Package 1 Height 4.1 Cm Package 1 Length 6.5 Cm Unit Type of Package 2 Number of Units in Package 2 Number of Units in Package 2 Ad Package 2 Height 5.5 Cm Package 2 Height 670.0 G Package 2 Height 15 Cm Package 2 Height 15 Cm Package 2 Height 15 Cm Package 3 Height Package 3 Height Package 6 Cm Offer Sustainability Sustainable offer status Green Premium product EEACh Regulation EU ROHS Directive Pro-active compliance (Product out of EU ROHS legal scope) EU ROHS Declaration EU ROHS Directive Pro-active compliance (Product out of EU ROHS legal scope) EU ROHS Directive Pro-active compliance (Product out of EU ROHS legal scope) EU ROHS Directive Pro-active compliance (Product out of EU ROHS legal scope) EU ROHS Directive Pro-active compliance (Product Environmental Profile			
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Product Environmental Profile	RoHS exemption information	₫Yes	
Circularity Profile	Environmental Disclosure	Product Environmental Profile	
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Warranty 18	B months
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Product Life Status:	Commercialised	
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