Product data sheet
Characteristics

XS618B1MBU20
Inductive proximity sensors XS, inductive sensor XS6 M18, L73mm, brass, Sn8mm, 24...240VAC/DC, 1/2"



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Sensor name	XS6
Sensor design	Cylindrical M18
Size	73 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Metal
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	8 Mm
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	Male connector 1/2"20 UNF, 3 pins
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	Nickel plated brass
Sensing range	> 4...8 mm
Operating zone	0…6.4 Mm
Differential travel	1...15% of Sr
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	20…264 V AC/DC
Maximum residual current	0.8 MA open state
Switching frequency	<= 1000 Hz DC <= 25 Hz AC

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Maximum delay first up	25 Ms
Maximum delay response	0.5 Ms
Maximum delay recovery	0.5 Ms
Marking	CE
Threaded length	52 Mm
Length	73 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	62.0 G
Package 1 Height	2.6 Cm
Package 1 width	11 Cm
Package 1 Length	6.3 Cm
Unit Type of Package 2	S02
Number of Units in Package 2	44
Package 2 Weight	3.039 Kg
Package 2 Height	15 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm
Package 3 Height	15 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
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

Product Life Status : Commercialised