Product data sheet
Characteristics

XS8C1A1MAL01U20
Inductive proximity sensors XS, inductive sensor XS8 40x40x15, PBT, Sn25mm, 24...240VAC/DC, 1/2" 0.15 m



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Sensor design	Flat form 40 x 40 x 15
Size	15 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	15 Mm flush mountable 25 Mm non flush mountable
Discrete output function	1 NO
Output circuit type	AC/DC
Electrical connection	Remote male connector 1/2"20 UNF, 3 pins
Cable length	0.15 M
[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 double insulation conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Fine adjustment zone	8…15 Mm flush mountable 8…25 Mm non flush mountable
Differential travel	1...15% of Sr
Wire insulation material	PvR
Supply voltage limits	20…264 V AC/DC
Maximum residual current	1.5 MA open state
Switching frequency	<= 1000 Hz

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Current consumption	<= 10 mA no-load
Maximum delay first up	10 Ms
Maximum delay response	0.3 Ms
Maximum delay recovery	0.8 Ms
Marking	CE
Depth	15 Mm
Height	40 Mm
Width	40 Mm

Environment

Product certifications	CCC UL CSA Ecolab
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	82.0 G
Package 1 Height	4.2 Cm
Package 1 width	9.7 Cm
Package 1 Length	6.5 Cm
Unit Type of Package 2	S01
Number of Units in Package 2	20
Package 2 Weight	1.828 Kg
Package 2 Height	15 Cm
Package 2 width	15 Cm
Package 2 Length	40 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

Contractual warranty

Warranty	18 months

Product Life Status : Commercialised