Product data sheet Characteristics

XT218A1FAL2

Telemecanique Capacitive proximity sensors XT, cylindrical M18, plastic, Sn 8 mm, cable 2 m



Main

Range of product	Telemecanique Capacitive proximity sensors XT
Sensor type	Capacitive proximity sensor
Product specific application	Detection of insulated or conductive materials
Sensor name	XT2
Sensor design	Cylindrical M18
Size	78 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	8 Mm
Discrete output function	1 NO
Output circuit type	AC
Electrical connection	Cable
Cable length	2 M
[Us] rated supply voltage	24240 V AC 5060 Hz
Maximum delay response	30 Ms
IP degree of protection	IP67 double insulation conforming to IEC 60529

Complementary

Complementary		
ISO thread	M18 x 1	
Detection face	Frontal	
[Sa] assured operating distance	05.8 Mm	
Adjustment zone	012 Mm	
Differential travel	< 120 % Sr	
Repeat accuracy	< 5 % Sr	
Wire insulation material	PVC	
Status LED	Output state indication: 1 LED (yellow)	
Supply voltage limits	20265 V AC	
Switching frequency	<= 25 Hz	
Maximum voltage drop	<10 V (closed)	
Current consumption	< 4 mA	
Maximum delay first up	200 Ms	
Maximum delay recovery	30 Ms	

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Maximum switching current	300 MA	
Marking	CE	
Setting-up	Sensitivity by potentiometer	
Threaded length	47 Mm	
Length	78 Mm	
Net weight	0.15 Kg	

Environment

Standards	EN/IEC 60947-5-2
Product certifications	CULus
Ambient air temperature for operation	-1060 °C
Vibration resistance	10 gn amplitude = 1 mm (f = 1055 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn for 11 ms conforming to IEC 60068-2-27
Resistance to electrostatic discharge	4 KV contact conforming to IEC 61000-4-2 8 KV air conforming to IEC 61000-4-2
Resistance to electromagnetic fields	3 V/M conforming to IEC 61000-4-3
Resistance to fast transients	2 KV conforming to IEC 61000-4-4

Packing Units

PCE	
1	
120 G	
2 Cm	
14 Cm	
14 Cm	
	1 120 G 2 Cm 14 Cm

Offer Sustainability

REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) [☑] EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	₫Yes
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California tocause birth defects or other reproductive harm. For more information goto www.P65Warnings.ca.gov

Contractual warranty

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14/	40
Vvarrantv	18 months
vvarianty	To months

Product Life Status : Commercialised

