Product data sheet Characteristics

XS8C1A1PAL2

Inductive proximity sensors XS, inductive sensor XS8 40x40x15, PBT, Sn25mm, 12...24 VDC, cable 2 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	3-wire	
[Sn] nominal sensing distance	15 Mm flush mountable 25 Mm non flush mountable	
Discrete output function	1 NO	
Output circuit type	DC	
Discrete output type	PNP	
Electrical connection	Cable	
Cable length	2 M	
[Us] rated supply voltage	1224 V DC with reverse polarity protection	
Switching capacity in mA	<= 200 mA DC with overload and short-circuit protection	
IP degree of protection	IP68 double insulation conforming to IEC 60529	

Complementary

Complementary		· i
Detection face	Frontal	
Front material	PBT	
Fine adjustment zone	815 Mm flush mountable 825 Mm non flush mountable	
Differential travel	115% of Sr	
Cable composition	3 x 0.34 mm²	
Wire insulation material	PvR	
Supply voltage limits	1036 V DC	
Maximum regidual ourrent	1.5.MA apon state	_

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Maximum voltage drop	<2 V (closed)
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
Net weight	0.095 Kg

Environment

Product certifications	UL CSA Ecolab	
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

r acking Office	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	131.0 G
Package 1 Height	4.2 Cm
Package 1 width	9.6 Cm
Package 1 Length	13.2 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	44
Package 2 Weight	6.258 Kg
Package 2 Height	30 Cm
Package 2 width	30 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
vvarianty	To months

Product Life Status :	Commercialised	
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