Product datasheet
Characteristics

XS8S173NAL2C
LITTLE SQUARE 17*17MM,FLUSH,NPN,NO

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
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	10 mm flush mountable 15 mm non flush mountable
Electrical connection	Cable
Cable length	2 m
Switching capacity in mA	<= 100 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Fine adjustment zone	5...10 mm flush mountable 5...15 mm non flush mountable
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PvR
Supply voltage limits	10...36 V DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 2000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 10 ms

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Delay response	<= 0.3 ms
Delay recovery	<= 0.8 ms
Marking	CE
Depth	13 mm
Width	26 mm
Product weight	0.04 kg

Environment

Product certifications	Ecolab UL CSA
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

Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant
	Will not be compliant

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