

XS8S173NAL2C

Inductive proximity sensors XS, little square
17x17mm, PBT, flush, Sn 5 mm, NPN, NO,
cable 2 m



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	Basic
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	5 mm flush mountable
Discrete output function	1 NO
Discrete output type	NPN
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	0...4 mm flush mountable
Differential travel	+/- 10 % of Sr
Cable composition	3 x 0.30 mm ²
Wire insulation material	PVC
Supply voltage limits	10...30 V DC
Maximum residual current	1.5 mA open state
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2.5 V (closed)
Current consumption	<= 15 mA no-load
Maximum delay first up	10 ms
Maximum delay response	1.2 ms
Maximum delay recovery	0.5 ms
Marking	CE
Depth	17 mm
Height	28 mm
Width	17 mm
Net weight	0.07 kg

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Environment

Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Vibration resistance	25 gn amplitude = +/- 1.5 mm (f = 10...50 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 Height	2.815 cm
Package 1 Width	12.468 cm
Package 1 Length	12.979 cm
Package 1 Weight	0.067 kg
Unit Type of Package 2	S02
Number of Units in Package 2	72
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.29 kg

Offer Sustainability

Sustainable offer status	Green Premium product
Toxic heavy metal free	Yes
Circularity Profile	No need of specific recycling operations
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 to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com