

XS8G12NA140S

inductive sensor XS8 12x40x26 - plastic -
Sn4mm - 12..24VDC - M8



Main

Range of product	Telemecanique Inductive proximity sensors XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS8
Sensor design	Form 12 x 40 x 26
Size	26 mm
Body type	Fixed
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	4 mm
Discrete output function	1 NO
Discrete output type	NPN
Electrical connection	Male connector M8, 3 pins
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	<= 100 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Lateral
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Front material	Plastic
Operating zone	0...3.2 mm
Differential travel	3...20% of Sr
Repeat accuracy	<= 10% of Sr
Output circuit type	DC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...30 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<1.8 V (closed)
Current consumption	0...10 mA no-load
Maximum delay first up	4 ms
Maximum delay response	0.5 ms
Maximum delay recovery	1 ms
Marking	CE
Depth	31 mm
Height	45 mm
Width	12 mm

Environment

Product certifications	CSA[RETURN]UL
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

Contractual warranty

Warranty	18 months
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