Product data sheet
Characteristics

XS8G12PA140S
Inductive proximity sensors XS, inductive sensor XS8 12x40x26, plastic, Sn4mm, 12...24 VDC, M8

Green Premium Product

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	0.16 in (4 mm)
Discrete output function	1 NO
Discrete output type	PNP
Electrical connection	Male connector M8, 3 pins
[Us] rated supply voltage	12...24 V DC
Switching capacity in mA	<= 100 mA 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	0.00…0.13 in (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	1.22 in (31 mm)
Height	1.77 in (45 mm)
Width	0.47 in (12 mm)

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Environment

Product Certifications	CSA UL
Ambient Air Temperature for Operation	-13…158 °F (-25…70 °C)
Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Vibration resistance	25 gn +/- 2 mm 10…55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	3389110776638
Nbr. of units in pkg.	1
Package weight(Lbs)	0.99 oz (28 g)
Returnability	No
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.38 in (3.5 cm)
Package 1 width	1.69 in (4.3 cm)
Package 1 Length	2.76 in (7 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	40
Package 2 Weight	3.54 lb(US) (1.604 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
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
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

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Authorized Distributor

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