XS8C2A1DBM12

inductive sensor XS8 40x40x70 - PBT - Sn20 mm - 12..48VDC - M12

Green Premium™ Product

Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Sensor design	Form 40 x 40 x 70
Size	70 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.79 in (20 mm)
Discrete output function	1 NC
Output circuit type	DC
Electrical connection	Male connector M12, 4 pins
[Us] rated supply voltage	12...48 V DC reverse polarity protection
Switching capacity in mA	1.5...100 mA overload and short-circuit protection
IP degree of protection	IP67 IEC 60529 IP65 IEC 60529 IP69K DIN 40050

Complementary

Detection face	5 positions turret head
Front material	PBT
Operating zone	0.00…0.63 in (0…16 mm)
Differential travel	3...15% of Sr
Repeat accuracy	<= 3% of Sr
Status LED	Output state 1 LED yellow)
Supply voltage limits	10…58 V DC
Maximum residual current	0.6 mA open state
Switching frequency	<= 300 Hz
Maximum voltage drop	<4.2 V closed)
Maximum delay first up	7.5 ms
Maximum delay response	1.2 ms
Maximum delay recovery	1.8 ms
Marking	CE
Height	1.57 in (40 mm)
Length	1.57 in (40 mm)
Width	2.76 in (70 mm)
Net weight	0.33 lb(US) (0.149 kg)

Environment

Product certifications	CSA CCC 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 msEN 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	03389119058049
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.69 in (4.3 cm)
Package 1 width	1.85 in (4.7 cm)
Package 1 Length	3.46 in (8.8 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	24
Package 2 Weight	7.88 lb(US) (3.576 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 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