



## Main

Range of product	OsiSense 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	4-wire
[Sn] nominal sensing distance	0.16 in (4 mm)
Discrete output function	1 NO or 1 NC programmable
Discrete output type	PNP
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Wire insulation material	PVC
[Us] rated supply voltage	12...48 V DC
Switching capacity in mA	<= 200 mA overload and short-circuit protection
IP degree of protection	IP67 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
Cable composition	4 x 0.34 mm <sup>2</sup>
Status LED	Output state 1 LED yellow)
Supply voltage limits	10...58 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2.6 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	1.02 in (26 mm)
Height	1.57 in (40 mm)
Maximum Width	0.47 in (12 mm)

## Environment

Product certifications	CCC UL CSA
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	00785901154860
Nbr. of units in pkg.	1
Package weight(Lbs)	0.22 lb(US) (0.10 kg)
Returnability	No
Country of origin	ID

## Packing Units

Package 1 Height	0.450 dm
Package 1 width	0.450 dm
Package 1 Length	1.400 dm

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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