



## 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	20 mm
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Male connector M12, 4 pins
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	1.5...100 mA with overload and short-circuit protection
IP degree of protection	IP67 IEC 60529 IP65 IEC 60529 IP69K conforming to 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	UL CCC 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 msEN 60068-2-27

## Packing Units

Package 1 Weight	0.31 lb(US) (0.142 kg)
Package 1 Height	0.500 dm
Package 1 width	0.740 dm
Package 1 Length	1.000 dm

## Offer Sustainability

Sustainable offer status	Green Premium product
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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