



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Form 40 x 40 x 117
Size	117 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	Plastic
Type of output signal	Discrete
Wiring technique	4-wire
[Sn] nominal sensing distance	0.59 in (15 mm)
Discrete output function	1 NO + 1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Screw-clamp terminals, clamping capacity: 4 x 1.5 mm ²
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	5 positions turret head
Front material	Plastic
Operating zone	0...0.47 in (0...12 mm)
Differential travel	3...20% of Sr
Repeat accuracy	<= 3% of Sr
Status LED	1 LED green supply on 1 LED yellow output state
Supply voltage limits	10...58 V DC
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	0...10 mA at no-load
Delay first up	<= 5 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE
Height	1.57 in (40 mm)
Length	1.57 in (40 mm)
Width	4.61 in (117 mm)

Environment

product certifications	CCC CSA C-Tick UL
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ambient air temperature for operation	-40...158 °F (-40...70 °C)
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Offer Sustainability

WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
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Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
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Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
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For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov
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Contractual warranty

Warranty period	18 months
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