



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS7
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	0.08 in (2 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 with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Detection face	Lateral
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Front material	Plastic
Operating zone	0...0.06 in (0...1.6 mm)
Differential travel	3...20% of Sr
Repeat accuracy	<= 10% of Sr
Output circuit type	DC
Cable composition	4 x 0.34 mm ²
Status LED	1 LED yellow output state
Supply voltage limits	10...58 V DC
Switching frequency	<= 2000 Hz
Voltage drop	<= 2.6 V at closed state
Current consumption	0...10 mA at no-load
Delay first up	<= 4 ms
Delay response	<= 0.5 ms
Delay recovery	<= 1 ms
Marking	CE
Depth	1.02 in (26 mm)
Height	1.57 in (40 mm)
Width	0.47 in (12 mm)

Environment

product certifications	CCC CSA
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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 amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
shock resistance	50 gn 11 ms conforming to IEC 60068-2-27

Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 0836 - Schneider Electric declaration of conformity	Compliant - since 0836 - Schneider Electric declaration of conformity
Available	Available
Need no specific recycling operations	Need no specific recycling operations
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
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
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.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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