



Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 80 x 80 x 40
Size	40 mm
Body type	Fixed clippable onto DIN rail
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	1.97 in (50 mm) flush mountable 1.97 in (50 mm) non flush mountable
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	Male connector M12, 4 pins
[Us] rated supply voltage	10...48 V DC reverse polarity protection
Switching capacity in mA	1.5...300 mA overload and short-circuit protection
IP degree of protection	IP67 double insulation conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Operating zone	0.00...1.57 in (0...40 mm)
Differential travel	1...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	0.5 mA open state
Switching frequency	<= 100 Hz
Maximum voltage drop	<4.5 V closed)
Maximum delay first up	10 ms
Maximum delay response	2 ms
Maximum delay recovery	5 ms
Marking	CE
Depth	1.57 in (40 mm)
Height	3.15 in (80 mm)
Maximum Width	3.15 in (80 mm)
Net Weight	0.82 lb(US) (0.374 kg)

Environment

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 for 11 ms conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	03389110709643
Nbr. of units in pkg.	1
Package weight(Lbs)	0.07 lb(US) (0.03 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	3.78 in (9.6 cm)
Package 1 Length	5.20 in (13.2 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
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