

# Product data sheet

## Characteristics

# XS7E1A1CAL08M12

inductive sensor XS7 26x26x13 - PBT - Sn10mm  
- 12..24VDC - M12 0.8m

Product availability : Non-Stock - Not normally stocked in distribution facility

Price\* : 98.24 USD



### Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 26 x 26 x 13
Size	13 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
Discrete output function	1 NO
Output circuit type	DC
Electrical connection	4 pins M12 remote male connector, pin assignment : 1-4
Cable length	2.62 ft (0.8 m)
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	1.5...100 mA DC with 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...0.31 in (0...8 mm)
Differential travel	1...15% of Sr
Wire insulation material	PvR
Status LED	1 LED yellow output state
Supply voltage limits	10...36 V DC
Residual current	<= 0.5 mA open state

Switching frequency	<= 1000 Hz
Voltage drop	<= 4 Vat closed state
Delay first up	5 ms
Delay response	0.3 ms
Delay recovery	0.7 ms
Marking	CE
Depth	0.51 in (13 mm)
Height	1.02 in (26 mm)
Width	1.02 in (26 mm)
Product weight	0.14 lb(US) (0.065 kg)

## Environment

Product certifications	UL Ecolab C-Tick 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 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

## Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	003389110141016
Nbr. of units in pkg.	1
Package weight(Lbs)	0.16
Returnability	N
Country of origin	ID

## Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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