# Product data sheet Characteristics

## XS8D1A1PAM12

inductive sensor XS8 80x80x26 - PBT - Sn60mm - 12..24VDC - M12





#### Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Sensor design	Flat form 80 x 80 x 26
Size	26 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	1.57 In (40 mm) flush mountable 2.36 in (60 mm) non flush mountable
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Male connector M12, 4 pins
[Us] rated supply voltage	1224 V DC reverse polarity protection
Switching capacity in mA	<= 200 mA DC overload and short-circuit protection
IP degree of protection	IP67 double insulation IEC 60529

#### Complementary

Complementary		
Detection face	Frontal	
Front material	PBT	
Fine adjustment zone	0.791.57 In (2040 mm) flush mountable 0.792.36 in (2060 mm) non flush mountable	
Differential travel	115% of Sr	
Supply voltage limits	1036 V DC	
Maximum residual current	1.5 mA open state	
Switching frequency	<= 150 Hz	
Maximum voltage drop	<2 V closed)	
Current consumption	<= 10 mA no-load	
Maximum delay first up	10 ms	
Maximum delay response	0.3 ms	
Maximum delay recovery	6 ms	
Marking	CE	
Depth	1.02 in (26 mm)	
Height	3.15 in (80 mm)	
Width	3.15 in (80 mm)	
Net weight	0.75 lb(US) (0.34 kg)	

#### Environment

Product certifications	CSA UL Ecolab	
Ambient air temperature for operation	-13158 °F (-2570 °C)	
Ambient air temperature for storage	-40185 °F (-4085 °C)	
Vibration resistance	25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6	
Shock resistance	50 gn 11 ms IEC 60068-2-27	

## Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901264422
Nbr. of units in pkg.	1
Package weight(Lbs)	0.84 lb(US) (0.38 kg)
Returnability	Yes
Country of origin	FR

#### Packing Units

r doking office	
Unit Type of Package 1	PCE
Package 1 Height	1.61 in (4.1 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	5.20 in (13.2 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	19.23 lb(US) (8.721 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 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)
Mercury free	Yes
RoHS exemption information	₽¥Yes
Environmental Disclosure	☑ Product Environmental Profile

### Contractual warranty

Warranty	18 months	