



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Sensor design	Form 40 x 40 x 117
Size	117 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	40 mm
Discrete output function	1 NO or 1 NC programmable
Output circuit type	DC
Electrical connection	Screw-clamp terminals, 4 x 1.5 mm ²
[Us] rated supply voltage	12...48 V DC reverse polarity protection
Switching capacity in mA	1.5...100 mA overload and short-circuit protection
IP degree of protection	IP67 IEC 60529 IP65 IEC 60529 IP69K DIN 40050

Complementary

Detection face	5 positions turret head
Front material	PBT
Operating zone	0.00...1.26 in (0...32 mm)
Differential travel	3...15% of Sr
Repeat accuracy	<= 3% of Sr
Cable entry number	1 tapped entry Pg 13.5 cable gland
Status LED	Output state 1 LED yellow)
Supply voltage limits	10...58 V DC
Maximum residual current	0.6 mA open state
Switching frequency	<= 200 Hz
Maximum voltage drop	<4.2 V closed)
Maximum delay first up	7.5 ms
Maximum delay response	1.4 ms
Maximum delay recovery	2.5 ms
Marking	CE
Height	1.57 in (40 mm)
Length	1.57 in (40 mm)
Width	4.61 in (117 mm)
Net weight	0.54 lb(US) (0.244 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Product certifications	CCC UL 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 +/- 2 mm 10...55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 msEN 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	03389119068925
Nbr. of units in pkg.	1
Package weight(Lbs)	0.62 lb(US) (0.28 kg)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.97 in (5 cm)
Package 1 width	1.97 in (5 cm)
Package 1 Length	5.71 in (14.5 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	14
Package 2 Weight	8.31 lb(US) (3.77 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) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
----------	-----------