

# XS8E1A1PBL2

inductive sensor XS8 26x26x13 - PBT -  
Sn15mm - 12..24VDC - cable 2m



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



## Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS8
Sensor design	Flat form 26 x 26 x 13
Size	13 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	0.59 in (15 mm) non flush mountable 0.39 in (10 mm) flush mountable
Discrete output function	1 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	<= 100 mA DC with overload and short-circuit protection
IP degree of protection	IP68 double insulation conforming to IEC 60529

## Complementary

Detection face	Frontal
Front material	PBT
Fine adjustment zone	0.2...0.59 in (5...15 mm) non flush mountable 0.2...0.39 in (5...10 mm) flush mountable
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Supply voltage limits	10...36 V DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 2000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.8 ms
Marking	CE

Depth	0.51 in (13 mm)
Height	1.57 in (40 mm)
Width	1.02 in (26 mm)
Product weight	0.17 lb(US) (0.075 kg)

## Environment

Product certifications	CSA 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 for 11 ms conforming to IEC 60068-2-27

## Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	003389110141825
Nbr. of units in pkg.	1
Package weight(Lbs)	0.21
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0841 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available <a href="#">Download Product Environmental</a>
Product end of life instructions	Available <a href="#">Download End Of Life Manual</a>

## Contractual warranty

Period	18 months
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