

# XS7D1A1PAL2

inductive sensor XS7 80x80x26 - PBT -  
Sn40mm - 12..24VDC - cable 2m



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



## Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 80 x 80 x 26
Size	26 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	3-wire
Discrete output function	1 NO
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
Operating zone	0...1.26 in (0...32 mm)
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Status LED	1 LED yellow output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 100 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	30 ms
Delay response	5 ms
Delay recovery	35 ms
Marking	CE
Depth	1.02 in (26 mm)
Height	3.15 in (80 mm)
Width	3.15 in (80 mm)
Product weight	0.75 lb(US) (0.34 kg)


## Environment

Product certifications	C-Tick CSA UL Ecolab
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	00785901584483
Nbr. of units in pkg.	1
Package weight(Lbs)	0.8100000000000005
Returnability	N
Country of origin	ID

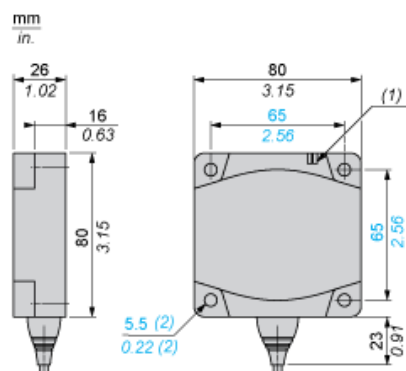
## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
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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## Dimensions



- (1) LED  
(2) For CHC type screws

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## Setting-up

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### Minimum Mounting Distances (mm)

Side by Side



$e (1) \geq 120$

Face to Face



$e (2) \geq 300$

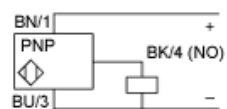
Facing a Metal Object



$e (3) \geq 120$

## Wiring Schemes

### PNP



BU : Blue  
BN : Brown  
BK : Black

# Mouser Electronics

Authorized Distributor

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