

XS7J1A1PBL2

inductive sensor XS7 8x22x8 - PBT - Sn2.5mm
- 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 8 x 22 x 8
Size	8 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 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	IP67 conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Operating zone	0...0.08 in (0...2 mm)
Differential travel	1...15% of Sr
Cable composition	3 x 0.11 mm ²
Wire insulation material	PvR
Status LED	1 LED yellow output state
Supply voltage limits	10...36 V DC
Switching frequency	<= 2000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	5 ms
Delay response	0.1 ms
Delay recovery	0.1 ms
Marking	CE
Depth	0.31 in (8 mm)
Height	0.87 in (22 mm)
Width	0.31 in (8 mm)


Environment

Product certifications	UL CSA C-Tick
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	00785901914952
Nbr. of units in pkg.	1
Package weight(Lbs)	0.12
Returnability	N
Country of origin	ID

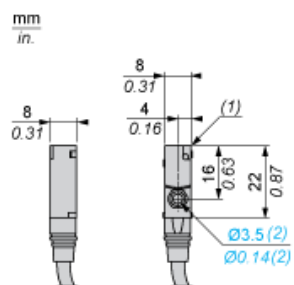
Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
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	Diisodecyl 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 www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Dimensions

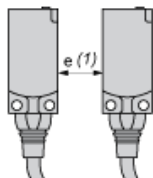


- (1) LED
(2) For CHC type screws

Setting-up

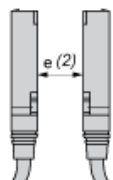
Minimum Mounting Distances (mm)

Side by Side



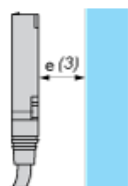
$e (1) \geq 7.5$

Face to Face



$e (2) \geq 20$

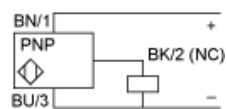
Facing a Metal Object



$e (3) \geq 7.5$

Wiring Schemes

PNP



BU : Blue
BN : Brown
BK : Black

Mouser Electronics

Authorized Distributor

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