XS8E1A1NAL01M12

inductive sensor XS8 26x26x13 - PBT - Sn15mm - 12..24VDC - M12 0.15m

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	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	0.39 in (10 mm) flush mountable 0.59 in (15 mm) non flush mountable
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	NPN
Electrical connection	4 pins M12 remote male connector
Cable length	0.49 ft (0.15 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 double insulation conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Fine adjustment zone	0.2...0.39 in (5...10 mm) flush mountable 0.2...0.59 in (5...15 mm) non flush mountable
Differential travel	1...15% of Sr
Wire insulation material	PvR
Supply voltage limits	10...36 V DC
Residual current	<= 1.5 mA 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	1.02 in (26 mm)
Width	1.02 in (26 mm)
Product weight	0.09 lb(US) (0.04 kg)

Environment

Product certifications	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	00785901791775
Nbr. of units in pkg.	1
Package weight(Lbs)	0.13
Returnability	N
Country of origin	FR

Offer Sustainability

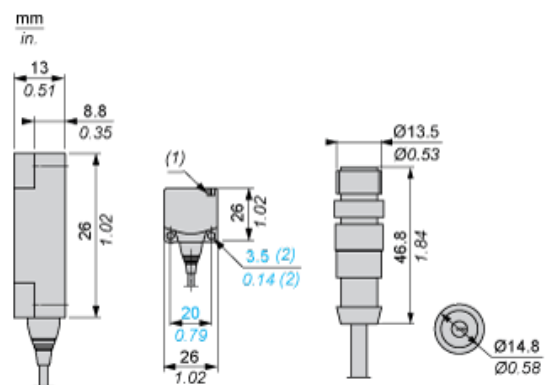|	
RoHS (date code: YYWW)	Will not be compliant
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - 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 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)
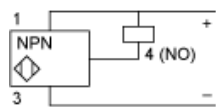
Side by Side

Face to Face

Facing a Metal Object

	e (1)	e (2)	e (3)
Flush mounted	40	80	10
Not flush mounted	150	300	

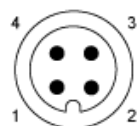Life Is On | Schneider Electric

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Wiring Schemes

NPN

M12

Mouser Electronics

Authorized Distributor

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