

# XS8D1A1MBU20

inductive sensor XS8 80x80x26 - PBT - Sn60mm  
- 24..240VAC/DC - 1/2"



## Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS8
Sensor design	Flat form 80 x 80 x 26
Size	26 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 flush mountable 60 mm non flush mountable
Discrete output function	1 NC
Output circuit type	AC/DC
Electrical connection	3 pins 1/2"20 UNF male connector
[Us] rated supply voltage	24...240 V AC/DC 50/60 Hz
Switching capacity in mA	5...200 mA DC 5...300 mA AC
IP degree of protection	IP67 double insulation conforming to IEC 60529

## Complementary




Detection face	Frontal
Front material	PBT
Fine adjustment zone	20...40 mm flush mountable 20...60 mm non flush mountable

Differential travel	1...15% of Sr
Supply voltage limits	20...264 V AC/DC
Residual current	<= 1.5 mA for open state
Switching frequency	<= 150 Hz
Voltage drop	<= 5.5 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 15 ms
Delay response	<= 0.3 ms
Delay recovery	<= 6 ms
Marking	CE
Depth	26 mm
Height	80 mm
Width	80 mm
Product weight	0.34 kg

## Environment

Product certifications	CCC CSA UL Ecolab
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-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

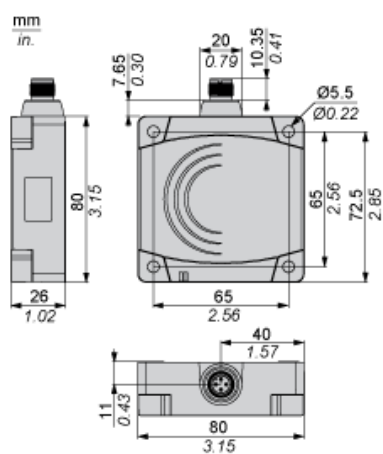
## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0825 - Schneider Electric declaration of conformity <a href="#"> Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#"> Product Environmental Profile</a>
Product end of life instructions	Need no specific recycling operations <a href="#"> End of Life Information</a>

## Contractual warranty

Warranty period	18 months
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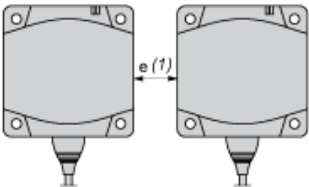
## Dimensions



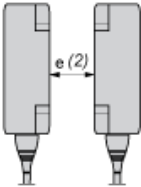
Setting-up

Minimum Mounting Distances (mm)

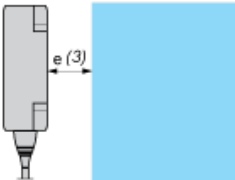
Side by Side



Face to Face



Facing a Metal Object



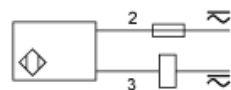
	e (1)	e (2)	e (3)
Flush mounted	200	400	40
Not flush mounted	600	not recommended	

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## Wiring Schemes

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### 2-Wire NC Output



1/2"-20UNF

