

# XS7C1A1DBM8

inductive sensor XS7 40x40x15 - PBT -  
Sn15mm - 12..24VDC - M8



## Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 40 x 40 x 15
Size	15 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
Discrete output function	1 NC
Output circuit type	DC
Electrical connection	3 pins M8 male connector
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	1.5...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...12 mm
Differential travel	1...15% of Sr
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10...36 V DC
Maximum residual current	0.5 mA open state
Switching frequency	<= 1000 Hz
Maximum voltage drop	<4 V (closed)
Maximum delay first up	5 ms
Maximum delay response	0.3 ms
Maximum delay recovery	0.7 ms
Marking	CE
Depth	15 mm
Height	40 mm
Width	40 mm





## Environment

Product certifications	C-Tick Ecolab CSA UL
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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	65 g
Package 1 Height	4.2 cm
Package 1 width	9.5 cm
Package 1 Length	6.6 cm

## Offer Sustainability

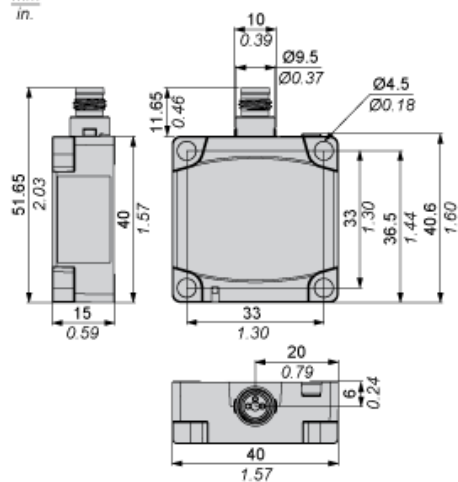
Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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Dimensions

mm  
in.



## Setting-up

### Minimum Mounting Distances (mm)

#### Side by Side



$e (1) \geq 45$

#### Face to Face



$e (2) \geq 110$

#### Facing a Metal Object



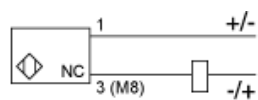
$e (3) \geq 45$

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## Wiring Schemes

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### 2-Wire NC



M8

