

## Product data sheet Characteristics

## XS7C1A1DAL5

inductive sensor XS7 40x40x15 - PBT - Sn15mm - 12..24VDC - cable 5m





### Main

Range of product	Telemecanique Inductive proximity sensors 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 NO	
Output circuit type	DC	
Electrical connection	Cable	
Cable length	5 m	
[Us] rated supply voltage	1224 V DC with reverse polarity protection	
Switching capacity in mA	1.5100 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	012 mm
Differential travel	115% of Sr
Cable composition	2 x 0.34 mm <sup>2</sup>
Wire insulation material	PVC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	1036 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
Net weight	0.215 kg

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### Environment

Product certifications	UL[RETURN]CSA[RETURN]C-Tick
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C
Vibration resistance	25 gn amplitude = +/- 2 mm (f = 1055 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 Height	6.35 cm
Package 1 Width	10.16 cm
Package 1 Length	13.97 cm
Package 1 Weight	0.2 kg
Unit Type of Package 2	S02
Number of Units in Package 2	10
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	2.316 kg

## Offer Sustainability

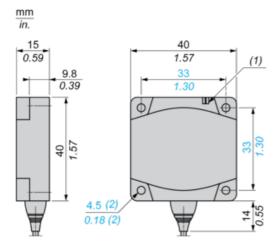
Sustainable offer status	Green Premium product
REACh Regulation	☑ REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	₫Yes
Circularity Profile	No need of specific recycling operations

## Contractual warranty

Warranty	18 months

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### **Dimensions**

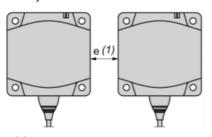


- (1) LED
- (2) For CHC type screws

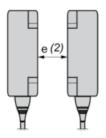
### Setting-up

### Minimum Mounting Distances (mm)

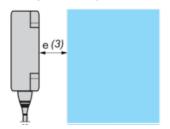
Side by Side



e (1) ≥ 45 Face to Face



e (2) ≥ 110 Facing a Metal Object



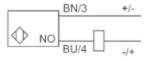
e (3) ≥ 45

## Product data sheet Connections and Schema

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## Wiring Schemes

### 2-Wire NO



BU : Blue BN : Brown