Product data sheet
Characteristics

XS7C1A1PAL10

inductive sensor XS7 40x40x15 - PBT - Sn15mm - 12..24VDC - cable 10m

Green Premium™

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	3-wire
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	Cable
Cable length	10 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	IP68 double insulation conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Operating zone	0…12 mm
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm²
Wire insulation material	PVC
Status LED	Output state: 1 LED (yellow)
Supply voltage limits	10…36 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2 V (closed)
Current consumption	<= 10 mA no-load
Maximum delay first up	10 ms
Maximum delay response	2 ms
Maximum delay recovery	5 ms
Marking	CE
Depth	15 mm
Height	40 mm

Width	40 mm
Net weight	0.415 kg

Environment

Product certifications	UL[RETURN]CSA[RETURN]C-Tick
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

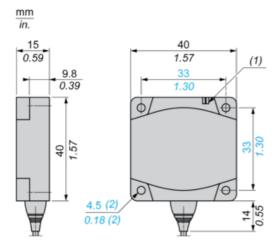| Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5 cm
Package 1 Width	12 cm
Package 1 Length	12 cm
Package 1 Weight	317 g

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Contractual warranty

Warranty	18 months

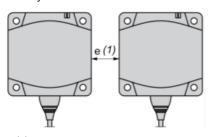Life Is On | Schneider Electric

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Dimensions

(1) LED

(2) For CHC type screws
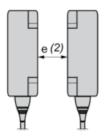
Setting-up

Minimum Mounting Distances (mm)

Side by Side

e (1) ≥ 45
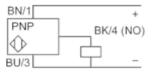
Face to Face

e (2) ≥ 110

Facing a Metal Object

e (3) ≥ 45

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Wiring Schemes

PNP

BU : Blue
BN : Brown
BK : Black