

XS7C1A1PBL2

inductive sensor XS7 40x40x15 - PBT -
Sn15mm - 12..24VDC - cable 2m



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	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 NC
Output circuit type	DC
Discrete output type	PNP
Electrical connection	cable
Cable length	6.56 ft (2 m)
[Us] rated supply voltage	12...24 V DC reverse polarity protection
Switching capacity in mA	<= 100 mA DC overload and short-circuit protection
IP degree of protection	IP68 double insulation IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Operating zone	0.00...0.47 in (0...12 mm)
Differential travel	1...15% of Sr
Cable composition	3 x 0.34 mm ²
Wire insulation material	PvR
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	0.59 in (15 mm)
Height	1.57 in (40 mm)
Width	1.57 in (40 mm)
Net weight	0.21 lb(US) (0.095 kg)

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Environment

Product certifications	UL C-Tick CSA 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 +/- 2 mm 10...55 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	03389110140156
Package weight(Lbs)	0.13 kg (0.28 lb(US))
Returnability	No
Country of origin	ID

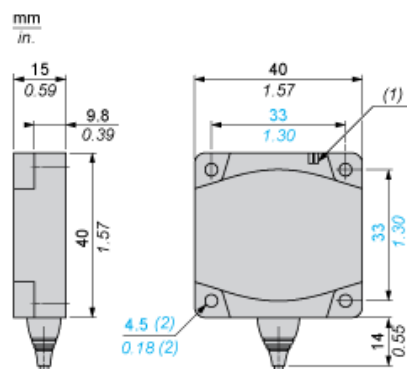
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations  End of Life Information

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



$e (1) \geq 45$

Face to Face



$e (2) \geq 110$

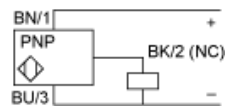
Facing a Metal Object



$e (3) \geq 45$

Wiring Schemes

PNP



BU : Blue
BN : Brown
BK : Black