

# XS7C4A1MPN12

inductive sensor XS7 40x40x117 - PBT - Sn15 mm - 24..240VAC/DC - terminals

Product availability: Stock - Normally stocked in distribution facility



## Main

Commercial Status	Commercialised
Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Product specific application	-
Sensor name	XS7
Sensor design	Form 40 x 40 x 117
Size	117 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Plastic
Enclosure material	PBT
Type of output signal	Discrete
Wiring technique	2-wire
[Sn] nominal sensing distance	0.59 in (15 mm)
Discrete output function	1 NO or 1 NC programmable
Output circuit type	AC/DC
Electrical connection	Screw-clamp terminals, clamping capacity: 4 x 1.5 mm <sup>2</sup>
[Us] rated supply voltage	24...240 V DC 24...240 V AC 50/60 Hz
Switching capacity in mA	5...300 mA AC 5...200 mA DC
IP degree of protection	IP69K conforming to DIN 40050 IP65 conforming to IEC 60529 IP67 conforming to IEC 60529

## Complementary

Detection face	5 positions turret head
Front material	PBT
Operating zone	0...0.47 in (0...12 mm)
Differential travel	3...15% of Sr
Repeat accuracy	<= 3% of Sr
Cable entry number	1 tapped entry for 1/2" NPT cable gland
Status LED	1 LED yellow for output state 1 LED green for supply on
Supply voltage limits	20...264 V AC/DC
Residual current	<= 0.6 mA for open state 24 V <= 1.5 mA for open state 120 V
Switching frequency	<= 50 Hz DC <= 25 Hz AC
Voltage drop	<= 5.5 V at closed state
Delay first up	<= 7.5 ms
Delay response	<= 1.2 ms

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Delay recovery	<= 1.8 ms
Marking	CE
Height	1.57 in (40 mm)
Length	1.57 in (40 mm)
Width	4.61 in (117 mm)
Product weight	0.54 lb(US) (0.244 kg)

### Environment

Product certifications	CCC CSA UL
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 amplitude = +/- 2 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to EN 60068-2-27

### Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901093626
Nbr. of units in pkg.	1
Package weight(Lbs)	0.62
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

### Contractual warranty

Period	18 months
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