Product data sheet
Characteristics

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 mm²
[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
Delay recovery	<= 1.8 ms
Marking	CE
Height	1.57 in (40 mm)

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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