

Product data sheet

Characteristics

XS7F1A1DBL01M8

inductive sensor XS7 15x32x8 - PBT - Sn5mm - 12..24VDC - M8 0.15m

Product availability : Non-Stock - Not normally stocked in distribution facility

Price* : 61.40 USD



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS7
Sensor design	Flat form 15 x 32 x 8
Size	8 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 NC
Output circuit type	DC
Electrical connection	3 pins M8 remote male connector
Cable length	0.49 ft (0.15 m)
[Us] rated supply voltage	12...24 V DC with reverse polarity protection
Switching capacity in mA	1.5...100 mA DC with overload and short-circuit protection
IP degree of protection	IP68 conforming to IEC 60529

Complementary

Detection face	Frontal
Front material	PBT
Sensing range	> 0.16...0.31 in (> 4...8 mm)
Operating zone	0...0.16 in (0...4 mm)
Differential travel	1...15% of Sr
Wire insulation material	PvR
Status LED	1 LED yellow output state
Supply voltage limits	10...36 V DC

Residual current	<= 0.5 mA open state
Switching frequency	<= 5000 Hz
Voltage drop	<= 4 Vat closed state
Delay first up	5 ms
Delay response	5 ms
Delay recovery	5 ms
Marking	CE
Depth	0.31 in (8 mm)
Height	1.26 in (32 mm)
Width	0.59 in (15 mm)
Product weight	0.1 lb(US) (0.045 kg)

Environment

Product certifications	CSA C-Tick 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 11 ms conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901405870
Nbr. of units in pkg.	1
Package weight(Lbs)	7.0000000000000007E-2
Returnability	N
Country of origin	ID

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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