Product data sheet
Characteristics

XS608B1PBL2
inductive sensor XS6 M8 - L51mm - stainless - Sn2.5mm - 12..48VDC - cable 2m

Product availability : Stock - Normally stocked in distribution facility

Price* : 83.50 USD



Main

Range of product	OsiSense XS
Series name	General purpose
Sensor type	Inductive proximity sensor
Device application	-
Sensor name	XS6
Sensor design	Cylindrical M8
Size	51 mm
Body type	Fixed
Detector flush mounting acceptance	Flush mountable
Material	Stainless steel
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.1 in (2.5 mm)
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...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA DC with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M8 x 1
Detection face	Frontal
Front material	PPS

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Enclosure material	Stainless steel 303
Operating zone	0...0.08 in (0...2 mm)
Differential travel	1...15% of Sr
Cable composition	3 x 0.11 mm²
Wire insulation material	PvR
Status LED	1 LED (yellow) output state
Supply voltage limits	10...58 V DC
Switching frequency	<= 2500 Hz
Voltage drop	<= 2 V, closed state
Current consumption	<= 10 mA (no-load)
Delay first up	<= 10 ms
Delay response	<= 0.2 ms
Delay recovery	<= 0.2 ms
Marking	CE
Threaded length	1.65 in (42 mm)
Length	2.01 in (51 mm)
Product weight	0.08 lb(US) (0.035 kg)

Environment

Product certifications	UL CSA
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 (duration = 11 ms) conforming to IEC 60068-2-27

Ordering and shipping details

Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901520405
Nbr. of units in pkg.	1
Package weight(Lbs)	0.13
Returnability	Y
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1010 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months