XS218AAPAM12

inductive sensor XS2 M18 - L70mm - PPS - Sn12mm - 12..48VDC - M12

Green Premium™ Product

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

Main

Range of product	OsiSense XS
Series name	Application
Sensor type	Inductive proximity sensor
Device application	Food and beverage
Sensor name	XS2
Sensor design	Cylindrical M18
Size	70 mm
Body type	Fixed
Detector flush mounting acceptance	Non flush mountable
Material	Plastic
Type of output signal	Discrete
Wiring technique	3-wire
[Sn] nominal sensing distance	0.47 in (12 mm)
Discrete output function	1 NO
Output circuit type	DC
Discrete output type	PNP
Electrical connection	4 pins M12 male connector
[Us] rated supply voltage	12...48 V DC with reverse polarity protection
Switching capacity in mA	<= 200 mA with overload and short-circuit protection
IP degree of protection	IP67 conforming to IEC 60529 IP69K conforming to DIN 40050

Complementary

Thread type	M18 x 1
Detection face	Frontal
Front material	PPS
Enclosure material	PPS
Operating zone	0...0.38 in (0...9.6 mm)
Differential travel	1...15% of Sr
Status LED	1 LED yellow output state
Supply voltage limits	10...58 V DC
Switching frequency	<= 1000 Hz
Voltage drop	<= 2 V at closed state
Current consumption	<= 10 mA at no-load
Delay first up	<= 10 ms
Delay response	<= 0.3 ms
Delay recovery	<= 0.7 ms
Marking	CE
Threaded length	2.05 in (52 mm)
Length	2.76 in (70 mm)
Product weight	0.09 lb(US) (0.04 kg)

Environment

Product certifications	CSA CCC UL
Ambient air temperature for operation	-13...185 °F (-25...85 °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

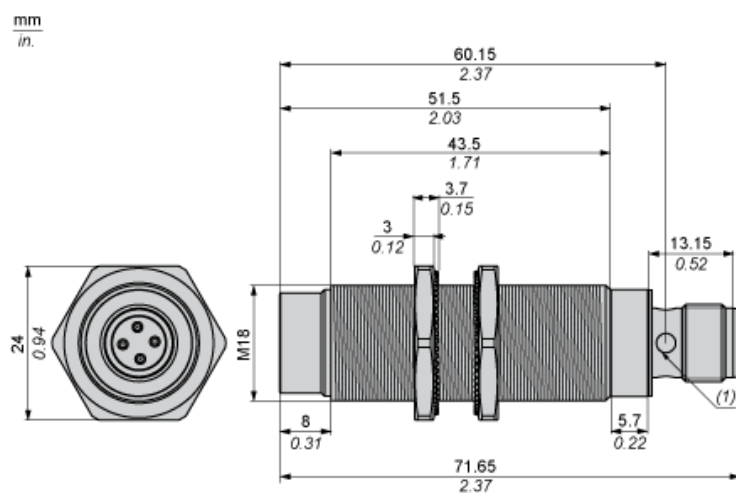|	
Category	22486 - SENSORS, PROXIMITY
Discount Schedule	DS2
GTIN	00785901804123
Nbr. of units in pkg.	1
Package weight(Lbs)	0.92000000000000004
Returnability	N
Country of origin	FR

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0821 - Schneider Electric declaration of conformity ⬈Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

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Dimensions

(1)   LED

Minimum Mounting Distances

Side by side
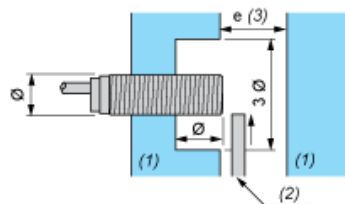

e (1) 72 mm/2.83 in.
≥

Face to face

e (2) 144 mm/5.67 in.
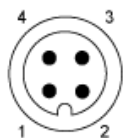≥

Facing a metal object

e (3) 36 mm/1.42 in
≥
(1)   Metal
(2)   Object to be detected

Wiring Schemes

M12 connector

PNP

Mouser Electronics

Authorized Distributor

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