Product data sheet Characteristics

XS4P30PA370D

Inductive proximity sensors XS, inductive sensor XS4 M30, L70mm, PPS, Sn15mm, 12...48 VDC, M12

Main

Series name General purpose Sensor Type Inductive proximity sensor Sensor name XS4 Sensor design Cylindrical M30 Size 70 mm Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring Technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage Switching capacity in mA IP degree of protection IP67 conforming to IEC 60529	Range of Product	Telemecanique Inductive proximity sensors XS
Sensor name XS4 Sensor design Cylindrical M30 Size 70 mm Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring Technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage Switching capacity in mA	Series name	General purpose
Sensor design Cylindrical M30 Size 70 mm Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring Technique Sn] nominal sensing distance Discrete output function Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage Switching capacity in mA	Sensor Type	Inductive proximity sensor
Size 70 mm Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring Technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage Switching capacity in mA	Sensor name	XS4
Body type Fixed Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring Technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage Switching capacity in mA	Sensor design	Cylindrical M30
Detector flush mounting acceptance Material Plastic Type of output signal Discrete Wiring Technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage Switching capacity in mA	Size	70 mm
acceptance Material Plastic Type of output signal Discrete Wiring Technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage Switching capacity in mA	Body type	Fixed
Type of output signal Wiring Technique [Sn] nominal sensing distance Discrete output function Output circuit type DC Discrete output type PNP Electrical connection [Us] rated supply voltage Switching capacity in mA Discrete 0.6 in (15 mm) 1 NO DC Droverse output function 1 NO DC Discrete output type PNP 1248 V DC reverse polarity protection voltage Switching capacity in mA	•	Non flush mountable
Wiring Technique 3-wire [Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage Switching capacity in mA	Material	Plastic
[Sn] nominal sensing distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage Switching capacity in mA O.6 in (15 mm) 1 NO Output circuit type DC PNP	Type of output signal	Discrete
distance Discrete output function 1 NO Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage 1248 V DC reverse polarity protection voltage Switching capacity in mA <= 200 mA DC overload and short-circuit protection	Wiring Technique	3-wire
Output circuit type DC Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage 1248 V DC reverse polarity protection Switching capacity in mA C= 200 mA DC overload and short-circuit protection		0.6 in (15 mm)
Discrete output type PNP Electrical connection Male connector M12, 4 pins [Us] rated supply voltage 1248 V DC reverse polarity protection voltage	Discrete output function	1 NO
Electrical connection Male connector M12, 4 pins [Us] rated supply voltage 1248 V DC reverse polarity protection voltage Switching capacity in mA <= 200 mA DC overload and short-circuit protection	Output circuit type	DC
[Us] rated supply voltage Switching capacity in mA 1248 V DC reverse polarity protection 200 mA DC overload and short-circuit protection	Discrete output type	PNP
voltage Switching capacity in mA <= 200 mA DC overload and short-circuit protection mA	Electrical connection	Male connector M12, 4 pins
mA .		1248 V DC reverse polarity protection
IP degree of protection IP67 conforming to IEC 60529	9 , ,	<= 200 mA DC overload and short-circuit protection
	IP degree of protection	IP67 conforming to IEC 60529

Complementary

Thread type	M30 x 1.5
Detection face	Frontal
Front material	PPS
Enclosure Material	PPS
Operating zone	0.00000000000.5 in (012 mm)
Differential travel	115% of Sr
Status LED	Output state 1 LED yellow)
Supply voltage limits	1058 V DC
Switching frequency	<= 1000 Hz
Maximum voltage drop	<2 V closed)
Current consumption	010 mA no-load
Maximum delay first up	10 ms
Maximum delay response	0.3 ms
Maximum delay recovery	0.7 ms
Marking	CE
Threaded length	2.05 in (52 mm)
Height	1.2 in (30 mm)
Length	2.8 in (70 mm)
Net Weight	0.18 lb(US) (0.08 kg)

Environment

Product Certifications	CSA[RETURN]CCC[RETURN]UL
Ambient Air Temperature for Operation	-13158 °F (-2570 °C)
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)
Vibration resistance	25 gn +/- 2 mm 1055 Hz)IEC 60068-2-6
Shock resistance	50 gn 11 ms IEC 60068-2-27

Ordering and shipping details

Category	US10DS222486	
Discount Schedule	0DS2	
GTIN	3389110927108	
Returnability	No	
Country of origin	FR	

Packing Units

•	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.299 in (3.300 cm)
Package 1 Width	3.307 in (8.400 cm)
Package 1 Length	4.016 in (10.200 cm)
Package 1 Weight	2.681 oz (76.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	44
Package 2 Height	5.9 in (15 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	8.076 lb(US) (3.663 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Circularity Profile	☑ End of Life Information
For all Reach Rohs enquiries contact us at	sustainability@tesensors.com

Contractual warranty

Warranty	18 months
viairanty	To months

