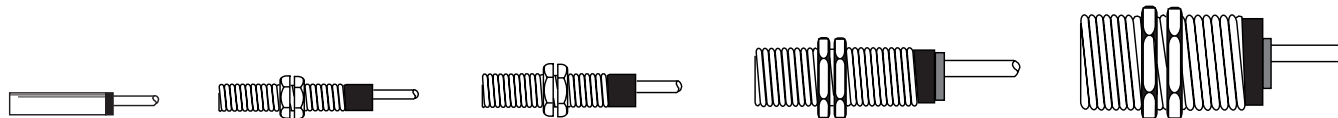


XS Proximity Sensors

Extended Range, AC/DC, DC

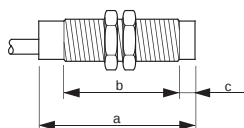
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17 SOLID STATE SENSORS



Nominal Sensing Distance	Circuit Type	Output Mode	Voltage Range	Voltage Drop Max.	Max Load Current	Leakage Current Max	On/Off Delay	Max. Operating Frequency AC / DC	Dimensions a, b, c	Catalog Number	Price
6.5mm Diameter, Economy DC, Shielded											
2 meter (6') cable											
2.5mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	33, —, —	XS1L06PA349	\$ 79.
2.5mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	33, —, —	XS1L06NA349	79.
Nano Style Connector											
2.5mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	42, —, —	XS1L06PA349S	98.
2.5mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	42, —, —	XS1L06NA349S	98.
Micro Style Connector											
2.5mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	45, —, —	XS1L06PA349D	79.
2.5mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	45, —, —	XS1L06NA349D	79.
8mm Diameter, Economy DC, Shielded											
2 meter (6') cable											
2.5mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	33, 26, —	XS1N08PA349	84.
2.5mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	33, 26, —	XS1N08NA349	84.
Nano Style Connector											
2.5mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	42, 29, —	XS1N08PA349S	103.
2.5mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	42, 29, —	XS1N08NA349S	103.
Micro Style Connector											
2.5mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	45, 24, —	XS1N08PA349D	84.
2.5mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	45, 24, —	XS1N08NA349D	84.
12mm Diameter, Economy DC, Shielded											
2 meter (6') cable											
4mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	33, 26, —	XS1N12PA349	70.
4mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	33, 26, —	XS1N12NA349	70.
Micro Style Connector											
4mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	45, 25, —	XS1N12PA349D	70.
4mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	1/4 ms	350 Hz	45, 25, —	XS1N12NA349D	70.
12mm Diameter, Universal AC/DC, Shielded											
2 meter (6') cable											
4mm	2 wire	N.O.	24 to 240V	5.5 V	200 mA	0.8 mA	0.5/0.2 ms	25Hz /1000Hz	50, 42, —	XS1M12MA239	164.
Micro Style Connector											
4mm	2 wire	N.O.	24 to 240V	5.5 V	200 mA	0.8 mA	0.5/0.2 ms	25Hz /1000Hz	61, 40, —	XS1M12MA239K	176.
18mm Diameter, Economy DC, Shielded											
2 meter (6') cable											
10mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	10/10 ms	60 Hz	34, 26, —	XS1N18PA349	78.
10mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	10/10 ms	60 Hz	34, 26, —	XS1N18NA349	78.
Micro Style Connector											
10mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	10/10 ms	60 Hz	45, 26, —	XS1N18PA349D	78.
10mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	10/10 ms	60 Hz	45, 26, —	XS1N18NA349D	78.
18mm Diameter, Universal AC/DC, Shielded											
2 meter (6') cable											
10mm	2 wire	N.O.	24 to 240V	5.5 V	200 mA	0.8 mA	0.5/0.5 ms	25Hz /1000Hz	60, 52, —	XS1M18MA239	155.
Micro Style Connector											
10mm	2 wire	N.O.	24 to 240V	5.5 V	200 mA	0.8 mA	0.5/0.5 ms	25Hz /1000Hz	70, 52, —	XS1M18MA239K	167.
Mini Style Connector											
10mm	2 wire	N.O.	24 to 240V	5.5 V	200 mA	0.8 mA	0.5/0.5 ms	25Hz /1000Hz	75, 55, —	XS1M18MA239A	176.
30mm Diameter, Economy DC, Shielded											
2 meter (6') cable											
20mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	30/20 ms	15 Hz	41, 32, —	XS1N30PA349	89.
20mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	30/20 ms	15 Hz	41, 32, —	XS1N30NA349	89.
Micro Style Connector											
20mm	PNP	N.O. ★	10 to 38 V	2.6 V	200 mA	—	30/20 ms	15 Hz	50, 30, —	XS1N30PA349D	89.
20mm	NPN	N.O. ★	10 to 38 V	2.6 V	200 mA	—	30/20 ms	15 Hz	50, 30, —	XS1N30NA349D	78.
30mm Diameter, Universal AC/DC, Shielded											
2 meter (6') cable											
20mm	2 wire	N.O.	24 to 240V	5.5 V	200 mA	0.8 mA	0.5/2 ms	25Hz /1000Hz	60, 52, —	XS1M30MA239	158.
Micro Style Connector											
20mm	2 wire	N.O.	24 to 240V	5.5 V	200 mA	0.8 mA	0.5/2 ms	25Hz /1000Hz	75, 54, —	XS1M30MA239A	179.

★ To order a normally closed (N.C.) version change the A to B, example: XS1M18MA239 to XS1M18MB239.



Dimensions:
a = overall length (mm)
b = threaded section (mm)
c = for non-shielded sensors (mm)

Wiring DiagramsPage 17-75
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For complete sensor information, see Sensors Catalog 9006CT2000 or D-Fax™ number 1582.

To convert mm to inches, divide by 25.4.

