



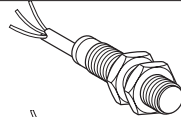
W914581670111 A05

XS1M / XS2M / XS4P Détecteurs de proximité analogiques / Analogue proximity sensors

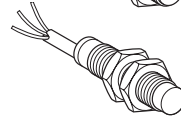


Références / References

XS1M12AB110/120
XS1M18AB110/120
XS1M30AB110/120



XS2M12AB110/120
XS2M18AB110/120
XS2M30AB110/120
XS4P12AB110/120
XS4P18AB110/120
XS4P30AB110/120



Caractéristiques électriques / Electrical characteristics

Type de détecteurs / Detector type	XS1M	Métallique noyable / Metal Flush Mountable
	XS2M	Métallique non noyable / Metal Non Flush Mountable
	XS4P	Plastique non noyable / Plastic Non Flush Mountable

Limites de tension / Supply voltage limits	XS...120 --> 10...38 V --- XS...110 --> 10...58 V ---
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Type de sortie analogique / Analog. output type	XS...110 --> 0...10 V branchement 3 fils avec R = 1 kΩ XS...120 --> 4...20 mA branchement 2 fils
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Courant consommé sans charge / No load current consumption	≤ 4 mA
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Mise en œuvre / Setting up procedure

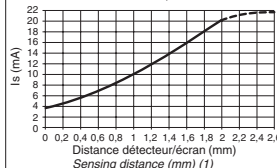
Domaine de fonctionnement / Operating range

XS1M12 ...	-->	0,2...2 mm
XS2M12 ...	-->	0,4...4 mm
XS4P12 ...	-->	0,4...4 mm
XS1M18 ...	-->	0,5...5 mm
XS2M18 ...	-->	0,8...8 mm
XS4P18 ...	-->	0,8...8 mm
XS1M30 ...	-->	1...10 mm
XS2M30 ...	-->	1,5...15 mm
XS4P30 ...	-->	1,5...15 mm

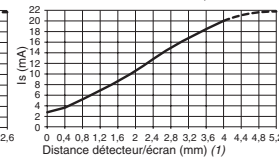
Produit	E (mm)	C (Nm)	e1 (mm)	e2 (mm)	e3 (mm)	e4 (mm)	H (mm)
XS1M12	17	6	4	24	6	12	0
XS2M12	17	6	16	48	12	36	8
XS4P12	17	2	16	48	12	36	8
XS1M18	24	15	10	60	15	18	0
XS2M18	24	15	32	96	24	54	16
XS4P18	24	5	32	96	24	54	16
XS1M30	36	40	20	120	30	30	0
XS2M30	36	40	60	180	45	90	30
XS4P30	36	20	60	180	45	90	30

Courbes de sortie / Output curves

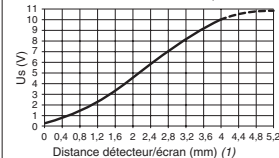
XS1M12AB120 Sn = 0,2...2 mm



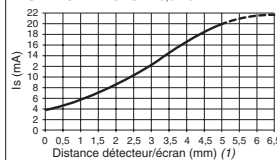
XS2M/XS4P12AB120 Sn = 0,4...4 mm



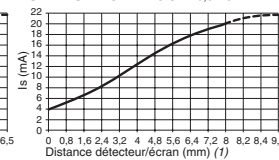
XS2M/XS4P12AB110 Sn = 0,4...4 mm



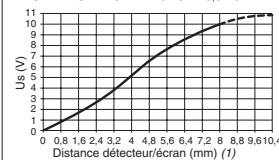
XS1M18AB120 Sn = 0,5...5 mm



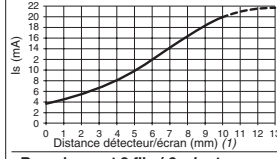
XS2M/XS4P18AB120 Sn = 0,8...8 mm



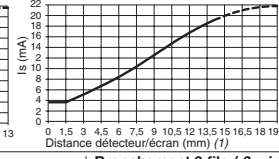
XS2M/XS4P18AB110 Sn = 0,8...8 mm



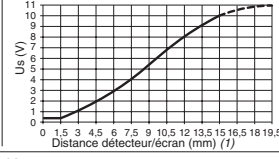
XS1M30AB120 Sn = 1...10 mm



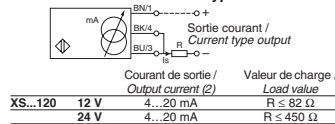
XS2M/XS4P30AB120 Sn = 1,5...15 mm



XS2M/XS4P30AB110 Sn = 1,5...15 mm



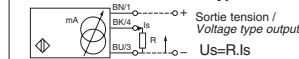
Branchement 2 fils / 2-wire type



Respecter une tension mini de 10 V entre le + (borne 1) et le - (borne 3)
 du détecteur / the supply voltage between terminals 1 (+) and 3 (-)
 must be $\geq 10\text{ V}$

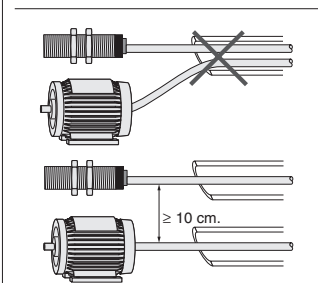
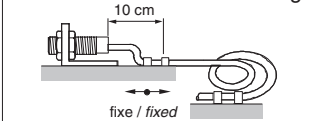
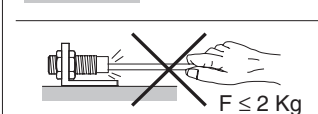
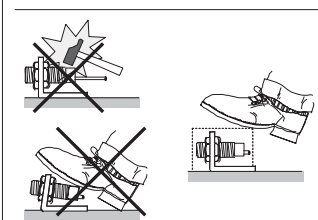
Respecter une tension mini de 10 V entre le + (borne 1) et le - (borne 3) du détecteur / the supply voltage between terminals 1 (+) and 3 (-) must be ≥ 10 V

Branchement 3 fils / 3-wire type



	Courant de sortie / Output current (2)	Valeur de charge / Load value (3)	Tension de sortie Output voltage	Valeur de charge Load value
XS...110	12 V	0...10 mA	≤ 560 Ω	0...10 V (impossible)
	24 V	0...10 mA	≤ 1500 Ω	R = 1000 Ω

Respecter une tension mini de 5 V entre le + (borne 1) et la sortie du détecteur (borne 4) / The supply voltage between terminals 1 (+) and the output terminal 4 must be ≥ 5 V



BU : bleu, blue, blau, blu, azul, bla, blauw, umê
BN : brun, brown, marrón, castanho, brun, bruin, kaşé
BK : noir, black, schwarz, nero, negro, preto, svart, paúpo

Manufacturer
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