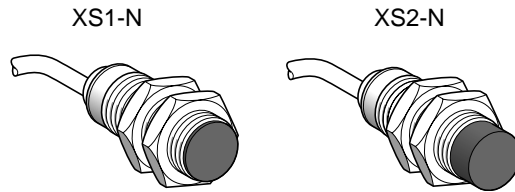
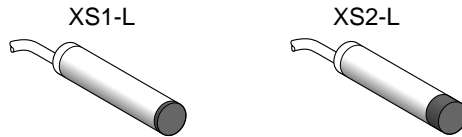


# XS1-L / XS2-L / XS1-N / XS2-N

Inductive proximity sensors  
**Détecteurs de proximité inductifs**  
 Induktive Näherungsschalter  
**Detectores de proximidad inductivos**  
 Interruttori di prossimità induttivi  
 Detectores de proximidade indutivos



Listing and Certification :  
 Applicable on proximity switches bearing the UL and CSA marks only.  
 Enclosure : Type 12,4X indoor use only  
 For connector version, a suitable UL and CSA Approved connector must be used

**⚠ DANGER / PELIGRO / DANGER**

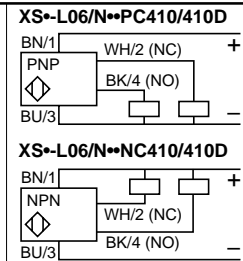
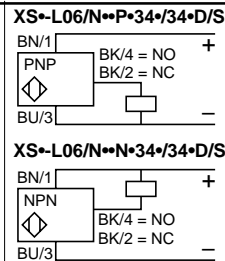
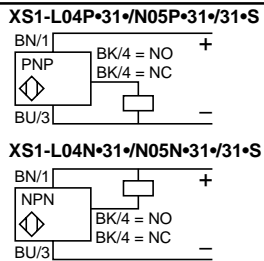
<b>HAZARDOUS VOLTAGE</b> Disconnect all power before servicing equipment. Electric shock will result in death or serious injury.	<b>TENSION PELIGROSA</b> Desenergice el equipo antes de realizarle servicio. Una descarga eléctrica podrá causar la muerte o lesiones serias.	<b>TENSION DANGEREUSE</b> Couper l'alimentation avant de travailler sur cet appareil. Une électrocution entrainera la mort ou des blessures graves.
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**Mechanical installation**  
**Mise en œuvre mécanique**  
**Mechanische Installation**  
**Instalación mecánica**  
**Messa in opera meccanica**  
**Instalação mecânica**

\* Increased range model  
 Portée augmentée  
 Erhöhter Schaltabstand  
 Alcance aumentado  
 Portata maggiorata  
 Alcance aumentado

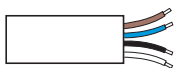
(mm)	Sn	XS*-L/N			XS*-L/N.....S/D		S	T (Nm)	e1 ≥	e2 ≥	e3 ≥	d1 ≥	h ≥	x ≥
		a	b	c	S	D								
	Ø4	1	29	-	-	41	-	-	2	12	3	4	0	0
	M5x0,5	1	29	24	-	41	-	8	1,6	2	3	5	0	0
	Ø6,5	1,5/*2,5	33	-	-	42	45	-	3*/5	18/*30	4,5/*7,5	6,5/*10	0/*1,6	0/*1,3
	M8x1	1,5/*2,5	33	26	-	42	45	13	3*/5	18/*30	4,5/*7,5	8/*10	0/*1,6	0/*1,6
	M12x1	2/*4	33	26	-	-	48	17	4/*8	24/*48	6/*12	12/*14	0/*2,4	0/2,4
	M18x1	5/*10	33,5	26	-	-	48	24	10/*20	60/*96	15/*30	18/*28	0/3,6	0/3,6
	M30x1,5	10/*20	40,5	32	-	-	50	36	20/*40	120/*240	30/*60	30/*50	0/*6	0/*6
	Ø6,5	2,5	33	-	3	42	45	-	10	30	7,5	19,5	5	0
	M8x1	2,5	33	22	4	42	45	13	10	30	7,5	24	5	0
	M12x1	4	33	21	5	-	48	17	16	48	12	36	8	0
	M18x1	8	33,5	18	8	-	48	24	16	96	24	54	16	0
	M30x1,5	15	40,5	19	13	-	50	36	60	180	45	90	30	0

**Electrical installation**  
**Mise en œuvre électrique**  
**Elektrische Installation**  
**Instalación eléctrica**  
**Messa in opera elettrica**  
**Instalação elétrica**



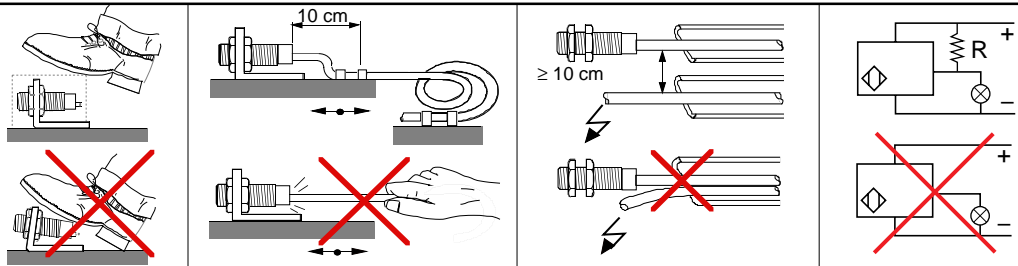
Voltage limits (1)	≡ 5...30 V	≡ 10...38 V	≡ 10...38 V
Load switching capacity (2)	0...100 mA	0...200 mA	0...200 mA
Voltage drop (3)	≤ 2 V	≤ 2 V	≤ 2 V
Current consumption (4)	≤ 10 mA	≤ 10 mA	≤ 10 mA

- (1) Limite de tension / Betriebsspannung / Límites de tensión / Limiti di tensione / Limites de tensão  
 (2) Courant commuté / Schaltstrom / Intensidad conmutada / Corrente commuta / Corrente comutada  
 (3) Tension de déchet / Spannungsfall (Ausgang durchgesteuert) / Tensión residual / Caduta di tensione / Tensão de defeito  
 (4) Courant consommé / Leerlaufstrom / Intensidad consumida / Corrente consumata / Corrente consumida

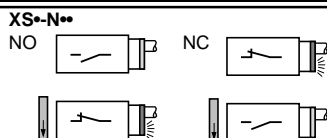


BN	Brown	Brun	Braun	Marrón	Marron	Castanho
BU	Blue	Bleu	Blau	Azul	Blu	Azul
BK	Black	Noir	Schwarz	Negro	Nero	Preto
WH	White	Blanc	Weiß	Blanco	Bianco	Branco

**Installation precautions**  
**Précautions de mise en œuvre**  
**Vorsicht bei der Inbetriebnahme**  
**Precaución de instalación**  
**Consigli di messa in opera**  
**Precaução de instalação**



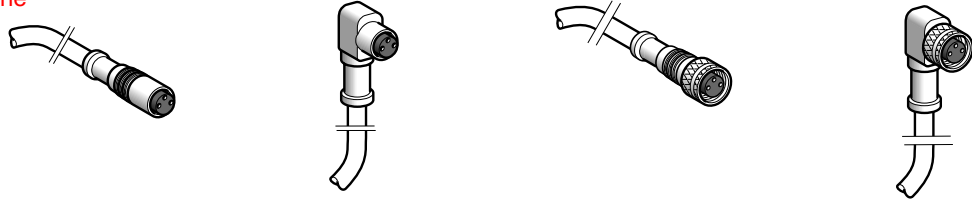
**Indication**  
**Signalisation**  
**Funktionsanzeige**  
**Señalización**  
**Segnalazione**  
**Sinalização**



# XZ-CP / XZ-CC

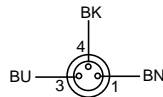
Machine cabling accessories  
 Constituants de câblage machine  
 Zubehör für Maschinen-  
 Anschlußtechnik  
 Contituyentes de conexionado  
 Accessori di cablaggio  
 Constituintes de cablagem

## XS•-L/N•••••S

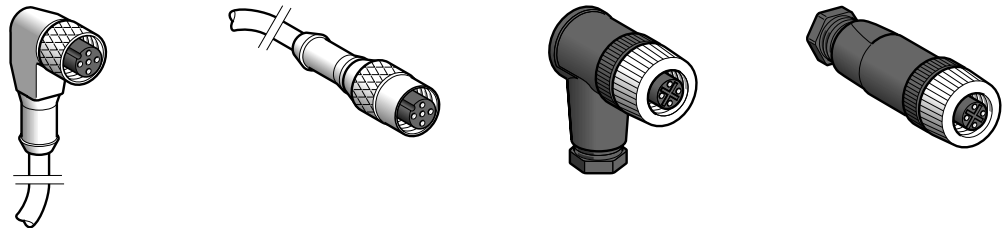


<b>Dimensions</b> <b>Encombremets</b> <b>Abmessungen</b> <b>Dimensiones</b> <b>Dimensioni d'ingombro</b> <b>Altravancamentos</b>				
	PvR L = 2 m.	XZ-CP0166L2	XZ-CP0266L2	XZ-CP0566L2
PvR L = 5 m.	XZ-CP0166L5	XZ-CP0266L5	XZ-CP0566L5	XZ-CP0666L5

Connection schemes  
 Schémas de raccordement  
 Anschlußpläne  
 Esquemas de conexión  
 Schemi di collegamento  
 Esquemas de ligação

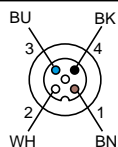


## XS•-L/N•••••D/LD



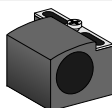
<b>Dimensions</b> <b>Encombremets</b> <b>Abmessungen</b> <b>Dimensiones</b> <b>Dimensioni d'ingombro</b> <b>Altravancamentos</b>				
	PvR L = 2 m.	XZ-CP1241L2	XZ-CP1141L2	-
PvR L = 5 m.	XZ-CP1241L5	XZ-CP1141L5	-	-
7P (Pg7)	-	-	XZ-CC12FCM40B	XZ-CC12FDM40B

Connection schemes  
 Schémas de raccordement  
 Anschlußpläne  
 Esquemas de conexión  
 Schemi di collegamento  
 Esquemas de ligação



BN	Brown	Brun	Braun	Marrón	Marron	Castanho
BU	Blue	Bleu	Blau	Azul	Blu	Azul
BK	Black	Noir	Schwarz	Negro	Nero	Preto
WH	White	Blanc	Weiß	Blanco	Bianco	Branco

Saddle clamps  
 Brides de fixation  
 Klemmbefestigungsblock  
 Bidas de fijación  
 Brides di fissaggio  
 Braçadeiras de fixaçào



Ø 4	Ø 5	Ø 6,5	Ø 8	Ø 12	Ø 18	Ø 30
XSZ-B104	XSZ-B105	XSZ-B165	XSZ-B108	XSZ-B112	XSZ-B118	XSZ-B130