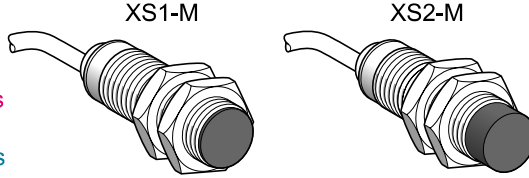


XS1-M / XS2-M



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



UL Listing and CE Certification :
 Applicable on proximity switches bearing the UL and CSA marks only.
 Enclosure : Type 12, 4X indoor use only
Overcurrent protection *

Conductor size AWG	mm ²	Maximum Ampere rating
20	0.5	5
22	0.34	3
24	0.22	2
26	0.11	1
28	0.08	0.8

* Required on product references with termination number 230 - 8 mm plastic units shall be installed with mounting clamp type XSZ-B. For connector version, a suitable UL and CSA Approved connector must be used

⚠ DANGER / PELIGRO / DANGER

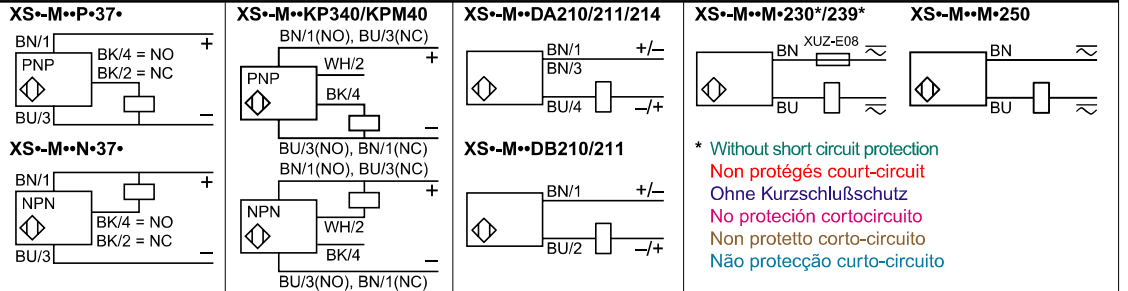
HAZARDOUS VOLTAGE Disconnect all power before servicing equipment. Electric shock will result in death or serious injury.	TENSION PELIGROSA Desenergice el equipo antes de realizarle servicio. Una descarga eléctrica podrá causar la muerte o lesiones serias.	TENSION DANGEREUSE Couper l'alimentation avant 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•-M			XS•-M•••••D/K/A/B/C/G/T							T (Nm)		e1 ≥	e2 ≥	e3 ≥	d1 ≥	h ≥	x
		a	b	c	D/K	A	B	C	G	T	S	T (Nm)							
M8x1	1,5	50	40	-	61	-	-	-	-	-	-	13	5	3	18	4,5	8	0	0
M12x1	2/*4	50	42	-	61	-	-	-	-	-	-	17	15	4/*8	24/*48	6/*12	12	0	0
M18x1	5/*10	60	51,5	-	70	75	106	74	75	95	24	35	10/*20	60/*120	15/*30	18/*28	0/*1,8	0/*1,8	
M30x1,5	10/*20	60	51,5	-	70	75	106	71	75	87	36	50	20/*40	120/*240	30/*60	30/*50	0/*6	0/*6	
M8x1	2,5	50	36	4	61	-	-	-	-	-	13	5	10	30	7,5	24	5	-	
M12x1	4	50	37	5	61	-	-	-	-	-	17	15	16	48	12	36	8	-	
M18x1	8	60	43,5	8	70	75	106	74	75	95	24	35	32	96	24	54	16	-	
M30x1,5	15	60	38,5	13	70	75	106	71	75	87	36	50	60	180	45	90	30	-	

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

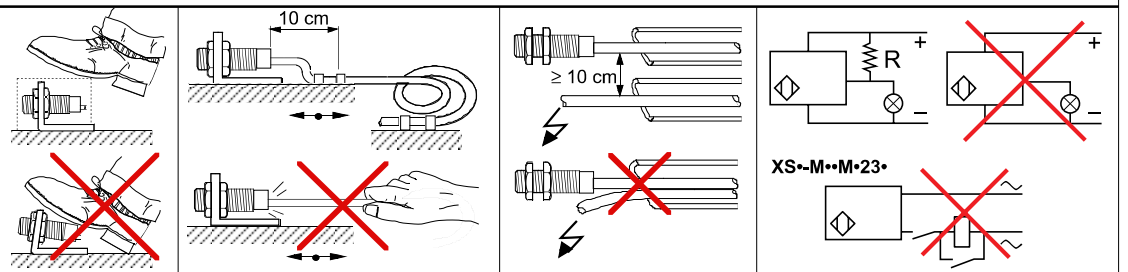


Voltage limits (1)	≡ 10...58 V	≡ 10...38 V	≡ 10...58 V	≈ 20...264 V
Load switching capacity (2)	0...200 mA	0...200 mA	1,5...100 mA	Ø8: 5...100, Ø12: 5...200, Ø18/30: 5...200 ≡ /5...300 ~
Voltage drop (3)	≤ 2 V	≤ 2,6 V	≤ 4 V	≤ 5 V
Leakage current (4)	-	-	≤ 0,5 mA	≤ 1,5 mA(M•250), ≤ 0,6 mA(M•230), ≤ 0,8 mA(M•239)
Current consumption (5)	≤ 10 mA	≤ 10 mA, ≤ 15 mA (KPM)	-	-

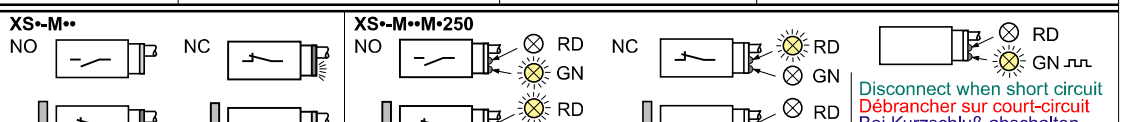
- (1) Limite de tension / Betriebsspannung / Límites de tensión / Limiti di tensione / Limites de tensão
- (2) Courant commuté / Schaltstrom / Intensidad conmutada / Corrente comuta / Corrente comutada
- (3) Tension de déchet / Spannungsfall (Ausgang durchgesteuert) / Tensión residual / Caduta di tensione / Tensão de defeito
- (4) Courant résiduel / Reststrom (Ausgang gesperrt) / Intensidad residual / Corrente residual / Corrente residual
- (5) 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
RD	Red	Rouge	Rot	Rojo	Rosso	Vermelho
GN	Green	Vert	Grün	Verde	Verde	Verde

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



Disconnect when short circuit
 Débrancher sur court-circuit
 Bei Kurzschluß abschalten

XZ-CP / XZ-CC



Machine cabling accessories

Constituants de câblage machine

Zubehör für Maschinen-Anschlußtechnik

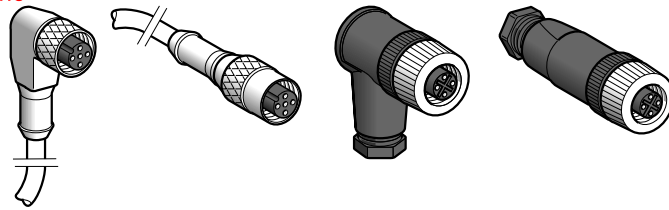
Contituyentes de conexionado

Accessori di cablaggio

Constituintes de cablagem

XS-M.....D/LD

XS-M.....K



Dimensions

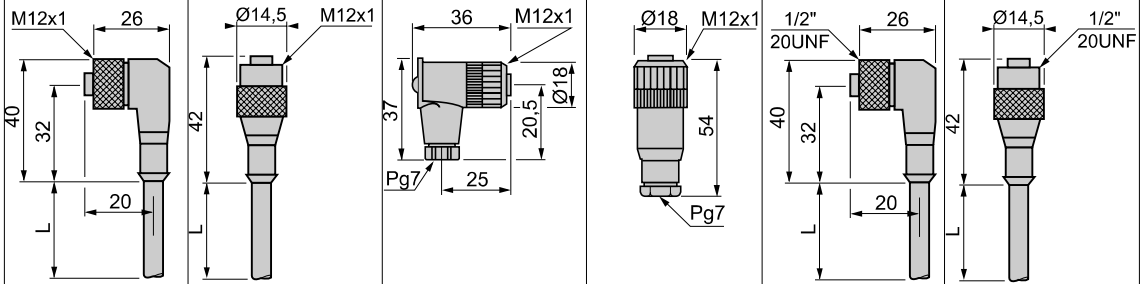
Encombremnts

Abmessungen

Dimensiones

Dimensioni d'ingombro

Altravancamentos



PvR L = 2 m.

XZ-CP1241L2

XZ-CP1141L2

-

-

XZ-CP1965L2

XZ-CP1865L2

PvR L = 5 m.

XZ-CP1241L5

XZ-CP1141L5

-

-

XZ-CP1965L5

XZ-CP1865L5

7P (Pg7)

-

-

XZ-CC12FCM40B

XZ-CC12FDM40B

-

Connection schemes

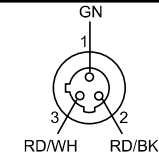
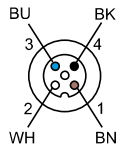
Schémas de raccordement

Anschlußpläne

Esquemas de conexión

Schemi di collegamento

Esquemas de ligação

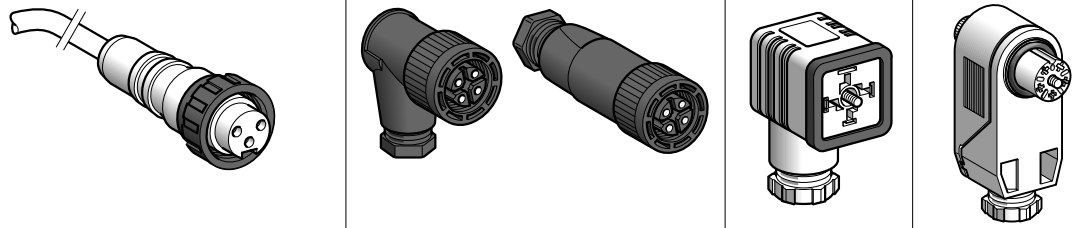


XS-M.....A

XS-M.....G

XS-M.....C

XS-M.....T



Dimensions

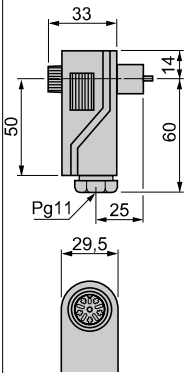
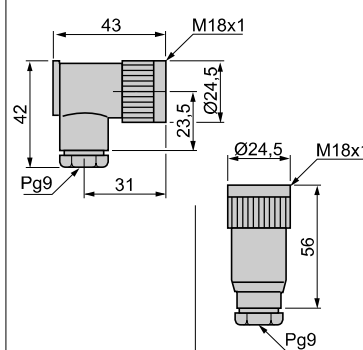
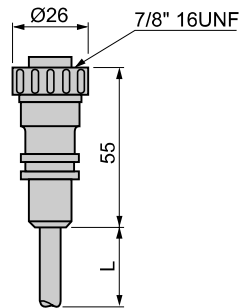
Encombremnts

Abmessungen

Dimensiones

Dimensioni d'ingombro

Altravancamentos



PvR L = 2 m.

XZ-CP1662L2

XZ-CP1670L2

-

-

-

-

PvR L = 5 m.

XZ-CP1662L5

XZ-CP1670L5

-

-

-

-

9P (Pg9)

-

-

XZ-CC18FCP40B

XZ-CC18FDP40B

-

-

11P (Pg11)

-

-

-

-

XZ-CC43FCP40B

XZ-CC51FCP50B

Connection schemes

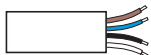
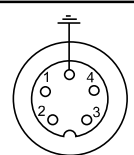
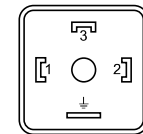
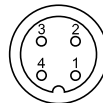
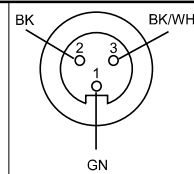
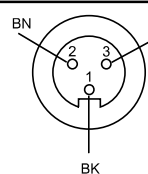
Schémas de raccordement

Anschlußpläne

Esquemas de conexión

Schemi di collegamento

Esquemas de ligação



BN

BU

BK

WH

RD

GN

Brown

Blue

Black

White

Red

Green

Brun

Bleu

Noir

Blanc

Rouge

Vert

Braun

Blau

Schwarz

Weiß

Rot

Grün

Marrón

Azul

Negro

Weiß

Rot

Verde

Marron

Blu

Nero

Bianco

Rosso

Verde

Castanho

Azul

Preto

Branco

Vermelho

Verde

Saddle clamps / Brides de fixation

Klemmbefestigungsblock / Brides de fijación



Ø 8

Ø 12

Ø 18

Ø 30