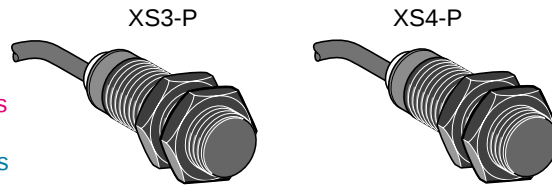


# XS3-P / XS4-P



Telemecanique

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 | mm <sup>2</sup> | 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.

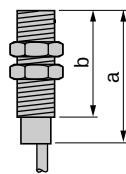
**TENSION PELIGROSA**  
 Desenergice el equipo antes de realizarle servicio.  
 Una descarga eléctrica podrá causar la muerte o lesiones serias.

**TENSION DANGEREUSE**  
 Couper l'alimentation avant de travailler sur cet appareil.  
 Une électrocution entrainera la mort ou des blessures graves.

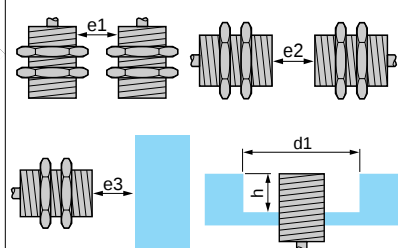
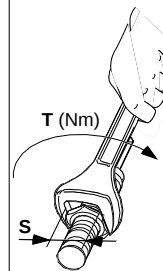
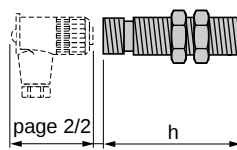
**Mechanical installation**  
 Mise en œuvre mécanique  
 Mechanische Installation  
 Instalación mecánica  
 Messa in opera meccanica  
 Instalação mecânica

\* Short case  
 Boîtier court  
 Kurzbauforn  
 Cuerpo corto  
 Invólucro corto  
 Invólucro curto

XS-P



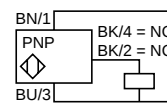
XS-P.....D/K/A/B/C/G/T



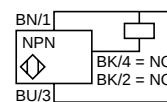
|  | (mm)    | Sn  | a  | a*   | b    | b* | D/K | D* | A    | B   | C  | G  | T  | S  | T (Nm) | e1 ≥ | e2 ≥ | e3 ≥ | d1 ≥ | h ≥ |
|--|---------|-----|----|------|------|----|-----|----|------|-----|----|----|----|----|--------|------|------|------|------|-----|
|  | M8x1    | 1,5 | 50 | 33   | 40   | 26 | 61  | 45 | -    | -   | -  | -  | -  | 13 | 1      | 3    | 18   | 4,5  | 8    | 0   |
|  | M12x1   | 2   | 50 | 33   | 42   | 26 | 61  | 48 | -    | -   | -  | -  | -  | 17 | 2      | 4    | 24   | 6    | 12   | 0   |
|  | M18x1   | 5   | 60 | 33,5 | 51,5 | 26 | 70  | 48 | 73,5 | -   | -  | -  | -  | 24 | 5      | 10   | 60   | 15   | 18   | 0   |
|  | M30x1,5 | 10  | 60 | 40,5 | 51,5 | 33 | 70  | 50 | 75   | -   | -  | -  | -  | 36 | 20     | 20   | 120  | 30   | 30   | 0   |
|  | M8x1    | 2,5 | 50 | 33   | 40   | 26 | 61  | 45 | -    | -   | -  | -  | -  | 13 | 1      | 10   | 30   | 7,5  | 24   | 5   |
|  | M12x1   | 4   | 50 | 33   | 42   | 26 | 61  | 48 | -    | -   | -  | -  | -  | 17 | 2      | 16   | 48   | 12   | 36   | 8   |
|  | M18x1   | 8   | 60 | 33,5 | 51,5 | 26 | 70  | 48 | 73,5 | 106 | 74 | 75 | 95 | 24 | 5      | 16   | 96   | 24   | 54   | 16  |
|  | M30x1,5 | 15  | 60 | 40,5 | 51,5 | 33 | 70  | 50 | 75   | 106 | 74 | 75 | 87 | 36 | 20     | 60   | 180  | 45   | 90   | 30  |

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

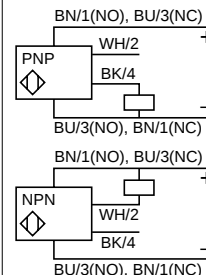
XS-P-P-370/\*340



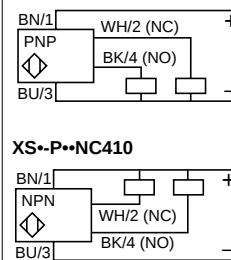
XS-P-N-370/\*340



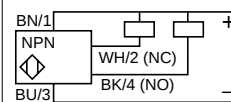
XS-P-KP340



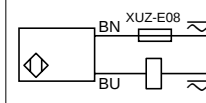
XS-P-PC410



XS-P-NC410



XS-P-M-230



Without short circuit protection  
 Non protégés court-circuit  
 Ohne Kurzschlußschutz  
 No protección cortocircuito  
 Non protetto corto-circuito  
 Não protecção curto-circuito

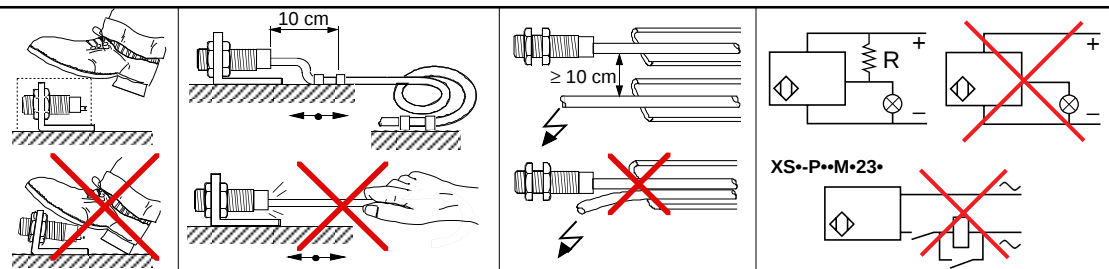
|                             |                         |            |            |                                                       |
|-----------------------------|-------------------------|------------|------------|-------------------------------------------------------|
| Voltage limits (1)          | 10...58 V / * 10...38 V | 10...38 V  | 10...38 V  | 20...264 V                                            |
| Load switching capacity (2) | 0...200 mA              | 0...200 mA | 0...200 mA | Ø8: 5...100, Ø12: 5...200, Ø18/30: 5...200, 5...300 ~ |
| Voltage drop (3)            | ≤ 2 V                   | ≤ 2,6 V    | ≤ 2V       | ≤ 5,5 V                                               |
| Leakage current (4)         | -                       | -          | -          | ≤ 0,6 mA                                              |
| Current consumption (5)     | ≤ 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 résiduel / Reststrom (Ausgang gesperrt) / Intensidad residual / Corrente residual / Corrente residual
- (5) Courant consommé / Leerlaufstrom / Intensidad consumida / Corrente consumata / Corrente consumida

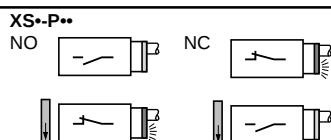


|    |       |       |         |        |        |          |
|----|-------|-------|---------|--------|--------|----------|
| BN | Brown | Brun  | Braun   | Marrón | Marron | Castanho |
| BU | Blue  | Bleu  | Blau    | Azul   | Blu    | Azul     |
| BK | Black | Noir  | Schwarz | Negro  | Nero   | Preto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

**Installation precautions**  
 Précautions de mise en œuvre  
 Vorsicht bei der Inbetriebnahme  
 Precaução de instalação  
 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-

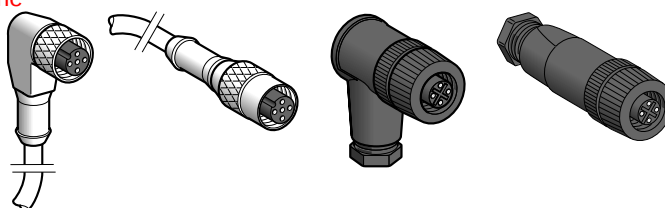
Anschlußtechnik

Contituyentes de conexionado

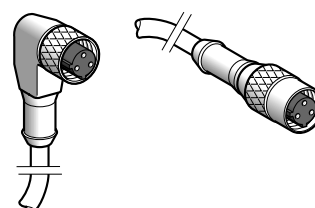
Accessori di cablaggio

Constituintes de cablagem

XS-P.....D



XS-P.....K



Dimensions

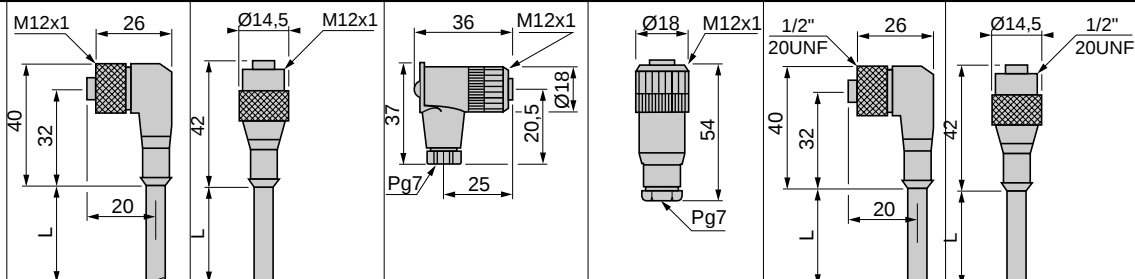
Encombrements

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-CC12FCP40B

XZ-CC12FDP40B

-

-

Connection schemes

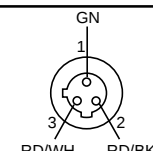
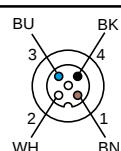
Schémas de raccordement

Anschlußpläne

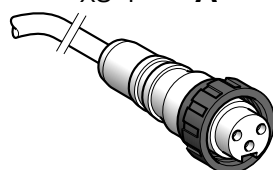
Esquemas de conexión

Schemi di collegamento

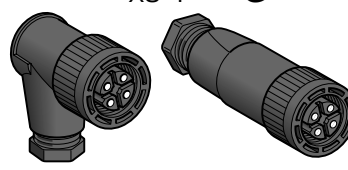
Esquemas de ligação



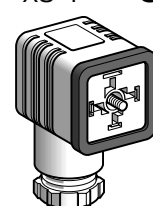
XS-P.....A



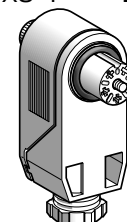
XS-P.....G



XS-P.....C



XS-P.....T



Dimensions

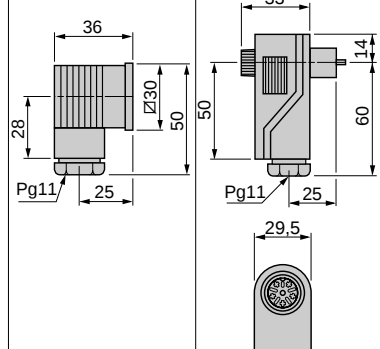
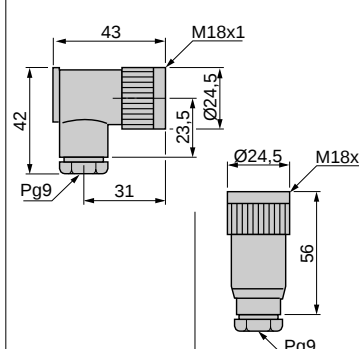
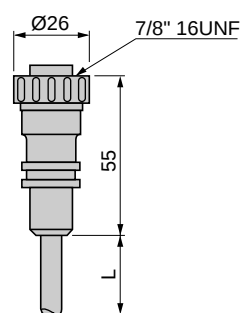
Encombrements

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

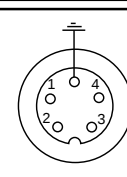
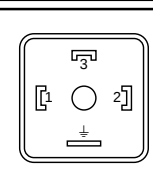
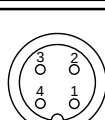
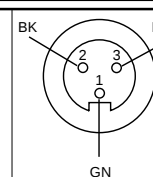
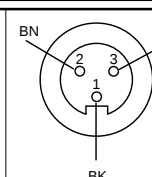
Schémas de raccordement

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

Blanco

Rojo

Verde

Marron

Blu

Nero

Bianco

Rosso

Verde

Castanho

Azul

Preto

Branco

Vermelho

Verde

Saddle clamps / Brides de fixation

Klemmbefestigungsblock / Brides de fijación

Bride di fissaggio / Braçadeiras de fixação



Ø 8

XSZ-B108

Ø 12

XSZ-B112

Ø 18

XSZ-B118

Ø 30

XSZ-B130