

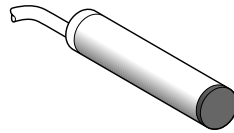


XS1-L/D/M / XS2-D

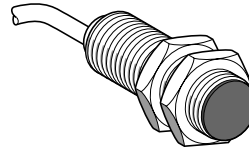


Inductive proximity sensors
 Détecteurs de proximité inductifs
 Induktive Näherungsschalter
 Detectores de proximidad inductivos
 Interruttori di prossimità induttivi
 Detectores de proximidade indutivos

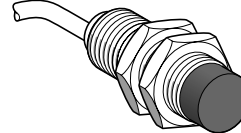
XS1-L



XS1-D/M



XS2-D



UL Listing :
 Applicable on proximity switches bearing the UL Listing mark only.
 Enclosure : Type 1

Overcurrent protection *

| Conductor size | Maximum | |
|----------------|-----------------|---------------|
| AWG | mm ² | Ampere rating |
| 22 | 0.34 | 3 |
| 27 | 0.11 | 1 |

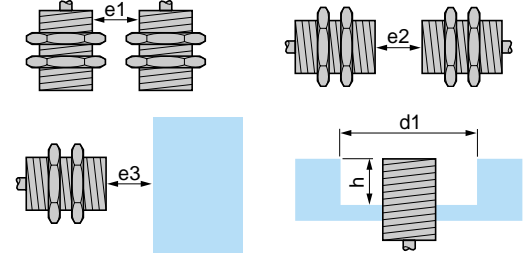
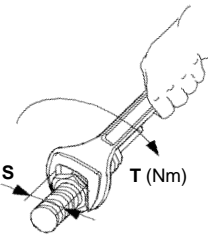
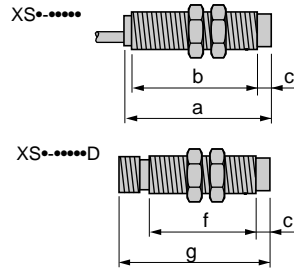
* Required on AC products

| | |
|------------|--|
| IEC947-5-2 | |
| | |

⚠ DANGER / PELIGRO / DANGER

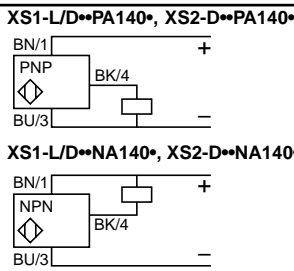
| | | |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

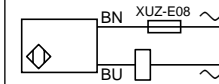


| (mm) | Sn | a | b | c | g | f | S | T (Nm) | e1 ≥ | e2 ≥ | e3 ≥ | d1 ≥ | h ≥ |
|------|------------|------|------|----|------|------|----|--------|------|------|------|------|-----|
| | XS1L 1.5 | 42 | 0 | 0 | - | - | - | - | 3 | 18 | 4.5 | 8 | 0 |
| | XS1D08 1.5 | 42 | 40,6 | 0 | 61,4 | 39,6 | 13 | 5 | 3 | 18 | 4,5 | 8 | 0 |
| | XS1D12 2 | 42,2 | 40 | 0 | 53 | 39,6 | 17 | 15 | 4 | 24 | 6 | 12 | 0 |
| | XS1D18 5 | 52,2 | 49,6 | 0 | 64 | 49,7 | 24 | 35 | 10 | 60 | 15 | 18 | 0 |
| | XS1D30 10 | 52,2 | 49,6 | 0 | 64 | 49,7 | 36 | 50 | 20 | 120 | 30 | 30 | 0 |
| | XS1M12 2 | 59 | 57,5 | 0 | - | - | 17 | 15 | 4 | 24 | 6 | 12 | 0 |
| | XS1M18 5 | 59 | 57,5 | 0 | - | - | 24 | 35 | 10 | 60 | 15 | 18 | 0 |
| | XS1M30 10 | 59 | 57,5 | 0 | - | - | 36 | 50 | 20 | 120 | 30 | 30 | 0 |
| | XS2D12 4 | 42,2 | 35,2 | 5 | 53 | 34,6 | 17 | 15 | 16 | 48 | 12 | 36 | 8 |
| | XS2D18 8 | 52,2 | 41,6 | 8 | 64 | 41,7 | 24 | 35 | 32 | 96 | 24 | 54 | 16 |
| | XS2D30 15 | 52,2 | 36,6 | 13 | 64 | 36,7 | 36 | 50 | 60 | 180 | 45 | 90 | 30 |

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



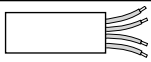
XS1-MFA264**



Without short circuit protection
 Non protégés contre les courts-circuits
 Ohne Kurzschlußschutz
 No protección corto-circuito
 Non protetto corto-circuito
 Não protegidos contra curto-circuitos

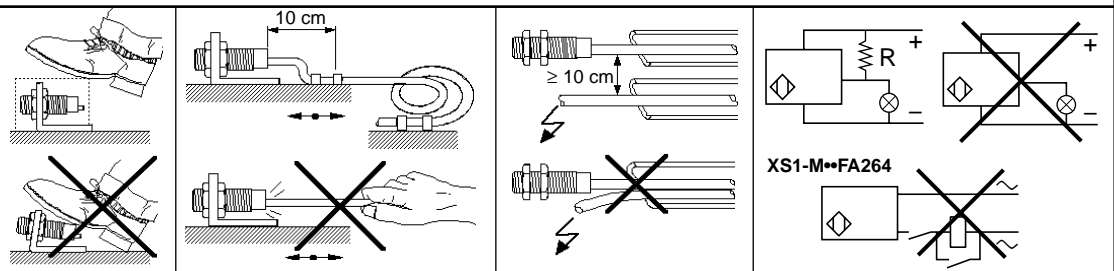
| | | |
|------------------------------------|---------------------------------|-------------------------------|
| Voltage limits (1) | ~ 10...30 V | ~ 20...264 V |
| Load switching capacity (2) | 0...100 mA, 0...50 mA (L06/M08) | 5...300 mA, 5...200mA (M12) |
| Voltage drop (3) | ≤ 3 V | ≤ 7 V (M12), ≤ 4,5 V (M18/30) |
| Leakage current (4) | - | ≤ 1,5 mA |
| Current consumption (5) | ≤ 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

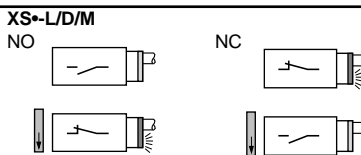


| | | | | | | |
|-----------|-------|------|---------|--------|--------|----------|
| BN | Brown | Brun | Braun | Marrón | Marron | Castanho |
| BU | Blue | Bleu | Blau | Azul | Blu | Azul |
| BK | Black | Noir | Schwarz | Negro | Nero | Preto |

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



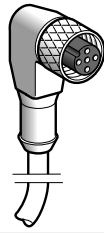
Indication
 Signalisation
Funktionsanzeige
 Señalización
 Segnalazione
 Sinalização



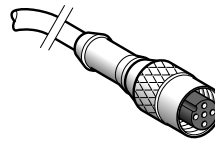
W91447174011 A06 1/2

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

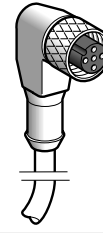
XZ-CP1•40L•



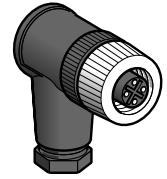
XZ-CP1141L•



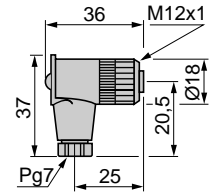
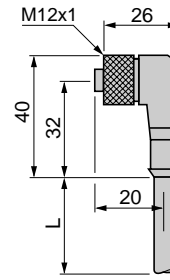
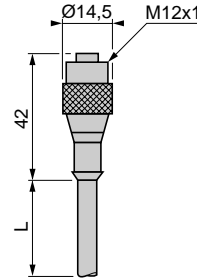
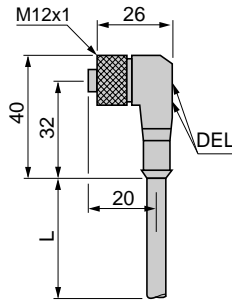
XZ-CP1241L•



XZ-CC12FCM40B

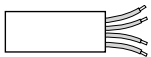
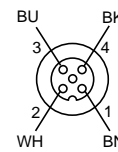
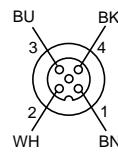
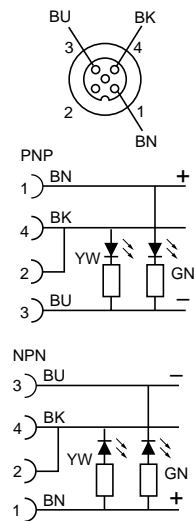


Dimensions
 Encombrements
 Abmessungen
 Dimensiones
 Dimensioni d'ingombro
 Altravancamentos



| | | | | |
|----------|----------------------|-------------|-------------|---------------|
| L = 2 m. | XZ-CP1340L2 (PNP)* | XZ-CP1141L2 | XZ-CP1241L2 | - |
| L = 5 m. | XZ-CP1340L5 (PNP)* | XZ-CP1141L5 | XZ-CP1241L5 | - |
| 7P (Pg7) | - | - | - | XZ-CC12FCM40B |
| | * (NPN: XZ-CP1440L•) | | | |

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 |
| Y/G | Green/Yellow | Vert/Jaune | Grün/Gerb | Verde/Amarillo | Verde/Giallo | Verde/Amarelo |
| YW | Yellow | Jaune | Gerb | Amarillo | Giallo | Amarelo |
| GN | Green | Vert | Grün | Verde | Verde | Verde |