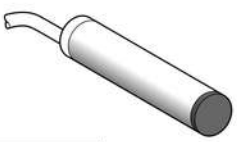
W 9 1 4 4 7 1 7 4 0 1 1 A 0 6

XS1-L/D/M / XS2-D

Telemecanique

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



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

Conductor size AWG	Conductor size mm²	Maximum Ampere rating
22	0.34	3
27	0.11	1

* Required on AC products

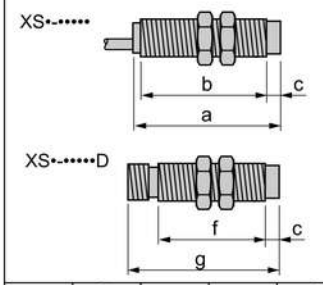
IEC947-5-2 CE

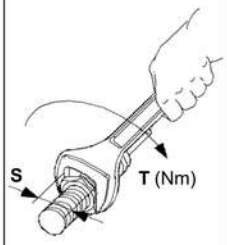
LISTED 8L08 IND. CONT. EQ.

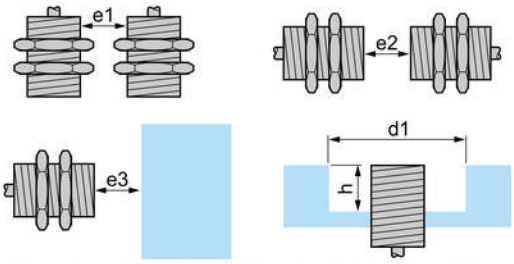
DANGER / PELIGRO / DANGER

HAZARDOUS VOLTAGE	TENSION PELIGROSA	TENSION DANGEREUSE
Disconnect all power before servicing equipment. **Electric shock will result in death or serious injury.**	Desenergice el equipo antes de realizarle servico. **Una descarga eléctrica podrá causar la muerte o lesiones serias.**	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



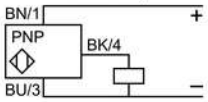




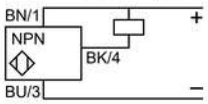
	(mm) Sn	a	b	c	g	f	S	T (Nm)	e1 ≥	e2 ≥	e3 ≥	d1 ≥	h ≥
	XS1L 1,5	42	0	0	–	–	–	–	3	18	4,5	8	0
	XS1D08 1,5	42	40,6	0	61,4	39,6	13	5	3	18	4,5	8	0
	XS1D12 2	42,2	40	0	53	39,6	17	15	4	24	6	12	0
	XS1D18 5	52,2	49,6	0	64	49,7	24	35	10	60	15	18	0
	XS1D30 10	52,2	49,6	0	64	49,7	36	50	20	120	30	30	0
	XS1M12 2	59	57,5	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

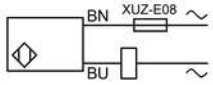
XS1-L/D••PA140•, XS2-D••PA140•



XS1-L/D••NA140•, XS2-D••NA140•



XS1-M••FA264



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

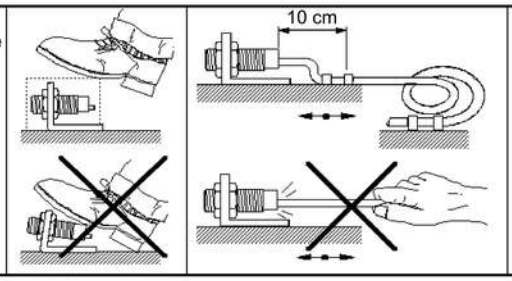
Voltage limits **(1)**	⎓ 10...30 V	∿ 20...264 V
Load switching capacity **(2)**	0...100 mA, 0...50 mA (L06/M08)	5...300 mA, 5...200mA (M12)
Voltage drop **(3)**	≤ 3 V	≤ 7 V(M12), ≤ 4,5 V (M18/30)
Leakage current **(4)**	–	≤ 1,5 mA
Current consumption **(5)**	≤ 10 mA	–

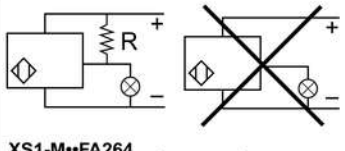
(1) Limite de tension / Betriebsspannung / Límites de tensión / Limiti di tensione / Limites de tensão
(2) Courant commuté / Schaltstrom / Intensidad conmutada / Corrente commuta / Corrente comutada
(3) Tension de déchet / Spannungsfall (Ausgang durchgesteuert) / Tensión residual / Caduta di tensione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



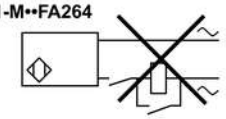
BN	Brown	Brun	Braun	Marrón	Marron	Castanho
BU	Blue	Bleu	Blau	Azul	Blu	Azul
BK	Black	Noir	Schwarz	Negro	Nero	Preto

Installation precautions
Précautions de mise en œuvre
Vorsicht bei der Inbetriebnhame
Precautión de instalatión
Consigli di messa in opera
Precaução de instalação



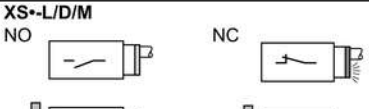


XS1-M••FA264



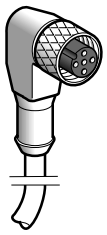
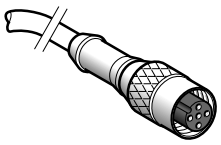
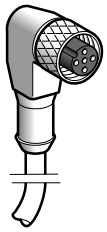
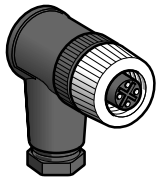
Indication
Signalisation
Funktionsanzeige
Señalización
Segnalazione

XS•-L/D/M

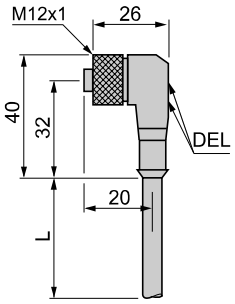


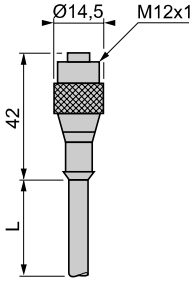
Telemecanique

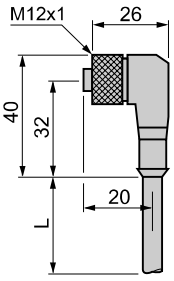
Machine cabling accessories
Constituants de câblage machine
Zubehör für Maschinen-Anschlußtechnik
Contituyentes de conexionado
Accessori di cablaggio
Constituintes de cablagem

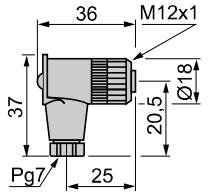
XZ-CP1•40L•	XZ-CP1141L•	XZ-CP1241L•	XZ-CC12FCM40B
			

Dimensions
Encombrements
Abmessungen
Dimensiones
Dimensioni d'ingombro
Altravancamentos



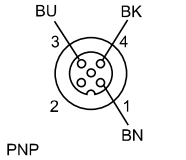


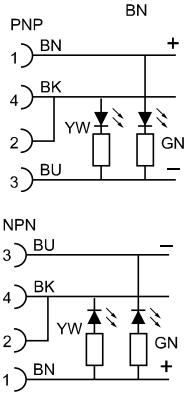


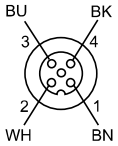


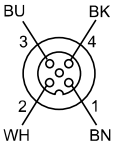
L = 2 m.	**XZ-CP1340L2 (PNP)***	**XZ-CP1141L2**	**XZ-CP1241L2**	**–**
L = 5 m.	**XZ-CP1340L5 (PNP)***	**XZ-CP1141L5**	**XZ-CP1241L5**	**–**
7P (Pg7)	**–**	**–**	**–**	**XZ-CC12FCM40B**
	*** (NPN: XZ-CP1440L•)**			

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