

XS1L / XS2L / XS1N / XS2N

Telemecanique

Sensors



Inductive proximity sensors

Détecteurs de proximité inductifs

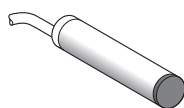
Induktive Näherungsschalter

Detectores de proximidad inductivos

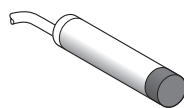
Interruttori di prossimità induttivi

Detectores de proximidade indutivos

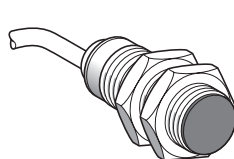
XS1L



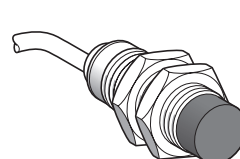
XS2L



XS1N



XS2N



Enclosure : Type 12,4X indoor use only



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

* Increased range model

Portée augmentée

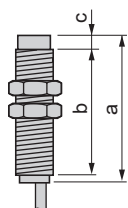
Erhöhter Schaltabstand

Alcance aumentado

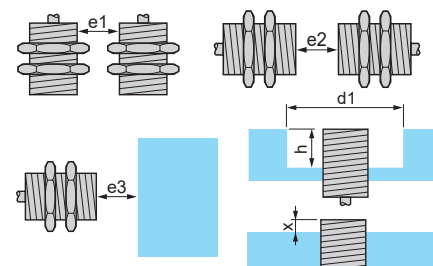
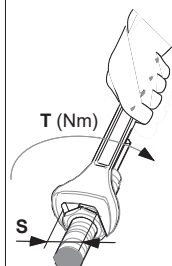
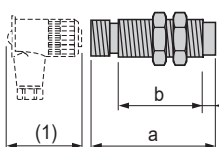
Portata maggiorata

Alcance aumentado

XS•L/N



XS•L/N..... S/D



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

Electrical installation

Mise en œuvre électrique

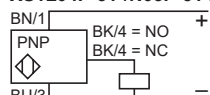
Elektrische Installation

Instalación eléctrica

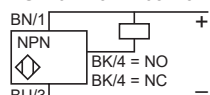
Messa in opera elettrica

Instalação elétrica

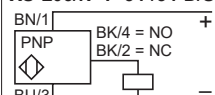
XS1L04P•31•N05P•31•S



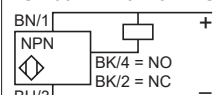
XS1L04N•31•N05N•31•S



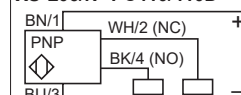
XS•L06/N••P•34•/34•D/S



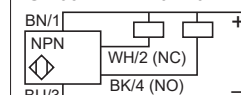
XS•L06/N••N•34•/34•D/S



XS•L06/N••PC410/410D



XS•L06/N••NC410/410D



Voltage limits (1)

5...30 V

Load switching capacity (2)

0...100 mA

Voltage drop (3)

≤ 2 V

Current consumption (4)

≤ 10 mA

10...38 V

0...200 mA

≤ 2 V

≤ 10 mA

10...38 V

0...200 mA

≤ 2 V

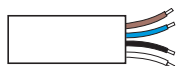
≤ 10 mA

(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

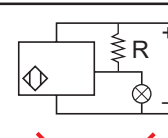
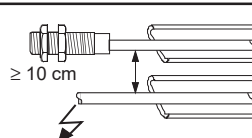
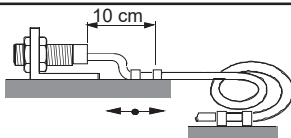
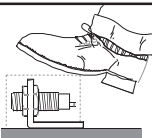
Précautions de mise en œuvre

Vorsicht bei der Inbetriebnahme

Precaución de instalación

Consigli di messa in opera

Precaução de instalação



Indication

Signalisation

Funktionsanzeige

Señalización

Segnalazione

Sinalização

XS•N••

NO



NC



Manufacturer
TMSS France
Tour Egho, 2 avenue Gambetta
92400 Courbevoie - France

Machine cabling accessories

Constituants de câblage machine

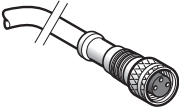
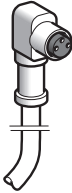
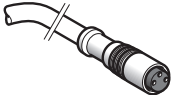
Zubehör für Maschinen-Anschlußtechnik

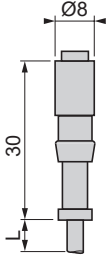
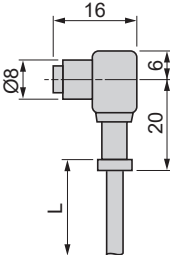
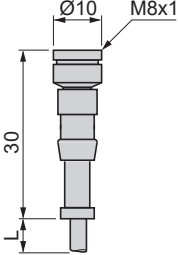
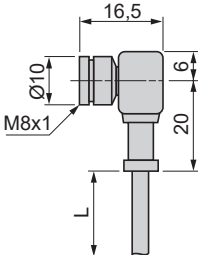
Contituyentes de conexionado

Accessori di cablaggio

Constituintes de cablagem

XS•L/N.....S



Dimensions Encombrements Abmessungen Dimensiones Dimensioni d'ingombro Altravancamentos				
PvR L = 2 m.	XZCP0166L2	XZCP0266L2	XZCP0566L2	XZCP0666L2
PvR L = 5 m.	XZCP0166L5	XZCP0266L5	XZCP0566L5	XZCP0666L5

Connection schemes

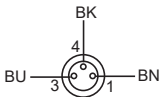
Schémas de raccordement

Anschlußpläne

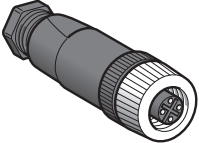
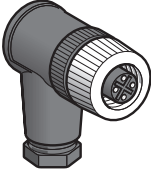
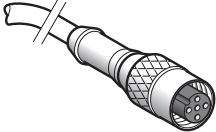
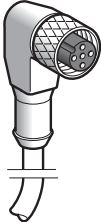
Esquemas de conexión

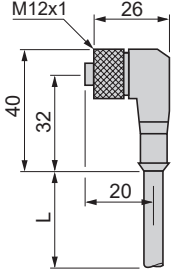
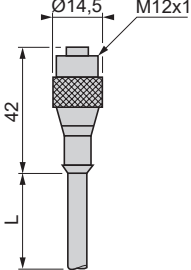
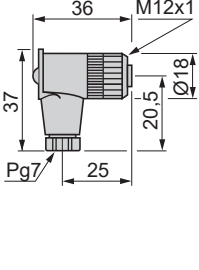
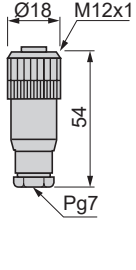
Schemi di collegamento

Esquemas de ligação



XS•L/N.....D/LD



Dimensions Encombrements Abmessungen Dimensiones Dimensioni d'ingombro Altravancamentos				
PvR L = 2 m.	XZCP1241L2	XZCP1141L2	-	-
PvR L = 5 m.	XZCP1241L5	XZCP1141L5	-	-
7P (Pg7)	-	-	XZCC12FCM40B	XZCC12FDM40B

Connection schemes

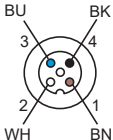
Schémas de raccordement

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

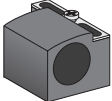
Brides de fixation

Klemmbefestigungsblock

Bridas de fijación

Bride di fissaggio

Braçadeiras de fixação



Ø 4	Ø 5	Ø 6.5	Ø 8	Ø 12	Ø 18	Ø 30
XSZB104	XSZB105	XSZB165	XSZB108	XSZB112	XSZB118	XSZB130