

Inductive proximity sensors
DéTECTEURS de proximité inductifs
Sensores de proximidad inductivos

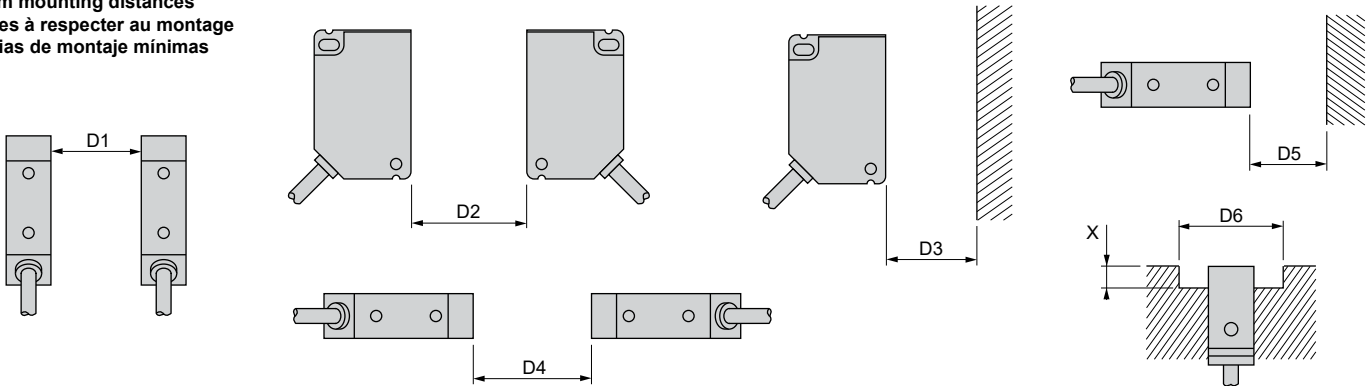
Electrical characteristics / Caractéristiques électriques / Características eléctricas

Detector type Type de détecteur Tipo de detector	XS7/8 G●●●140	XS7/8 G●●●440	XS7/8 G●●●230
	DC 3 wires / 3 fils / 3 conductores	DC 4 wires / 4 fils / 4 conductores	AC/DC 2 wires / 2 fils / 2 conductores
Voltage limits Limites de tension Límites de tensión	10...30 V	10...58 V	20...264 V
Switching capacity Courant commuté Capacidad de conmutación	0...100 mA	0...200 mA	5...200 mA
Short-circuits protection Protection court-circuits Protección contra cortocircuitos	Yes / Oui / Sí	Yes / Oui / Sí	Non / No / No
Drop voltage Tension déchet Tensión residual	≤ 1.8 V	≤ 2.6 V	≤ 5.5 V
Leakage current Courant résiduel Corriente de fuga	≤ 0.1 mA	—	≤ 0.8 mA / 24 V ≤ 1.5 mA / 120 V
No load current consumption Courant consommé sans charge Consumo de corriente sin carga	≤ 10 mA	≤ 10 mA	—

Setting up procedure / Mise en œuvre / Procedimiento de instalación

Nominal sensing distance (Sn) Portée nominale (Sn) Distancia de detección nominal (Sn)	XS7 G 2 mm / 0.08 in. XS8 G 4 mm / 0.16 in.
Operating zone (Sa) Domaine de fonctionnement (Sa) Zona de servicio (Sa)	XS7 G 0...1.6 mm / 0...0.06 in. XS8 G 0...3.2 mm / 0...0.13 in.

Minimum mounting distances
Distances à respecter au montage
Distancias de montaje mínimas



XS7	XS8
D1 ≥ 0	D1 ≥ 12 / 0.47
D2 ≥ 24 / 0.94	D2 ≥ 48 / 1.89
D3 ≥ 6 / 0.24	D3 ≥ 12 / 0.47
X ≥ 0	X ≥ 5 / 0.2
D4 ≥ 24 / 0.94	D4 ≥ 48 / 1.89
D5 ≥ 6 / 0.24	D5 ≥ 12 / 0.47
D6 ≥ 12 / 0.47	D6 ≥ 36 / 1.42

Ø3 fixings - Maximun tightening torque of screws = 1,2 Nm / 10.6 lb-in
Fixation Ø3 - couple de serrage maximum de vis = 1,2 Nm / 10.6 lb-in
Fijaciones Ø3 - Par de apriete máximo de los tornillos = 1,2 Nm / 10.6 lb-in

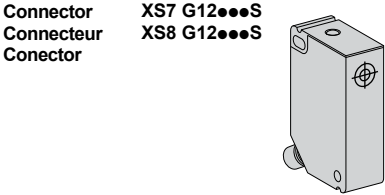
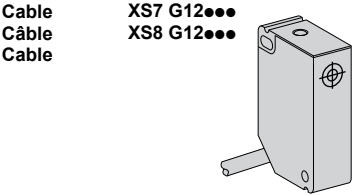
⚠ WARNING / ADVERTENCIA / AVERTISSEMENT

IMPROPER INSTALLATION ● Always connect a load to this equipment. ● Protect the XS7/XS8●●●230 sensors with a fuse. Failure to follow these instructions can result in death, serious injury, or equipment damage.	INSTALLATION INCORRECTE ● Connectez toujours une charge à l'équipement. ● Protégez les détecteurs XS7/XS8●●●230 avec un fusible. Le non-respect de ces instructions peut provoquer la mort, des blessures graves ou des dommages matériels.	INSTALACIÓN INCORRECTA ● Siempre conecte una carga al equipo. ● Proteja los sensores XS7/XS8●●●230 con un fusible. Si no se siguen estas instrucciones pueden producirse lesiones personales graves o mortales o daños en el equipo.
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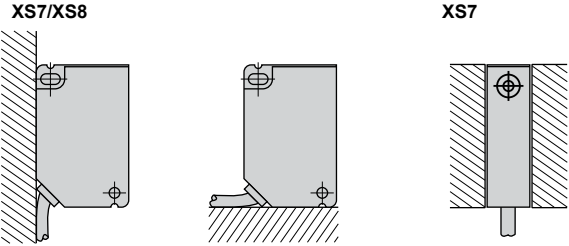
Electrical equipment should be installed, operated and maintained only by qualified personnel. Neither TMSS FRANCE nor any of its subsidiaries or other affiliated companies shall be responsible or liable for any consequences arising out of the use of this material.

Manufacturer
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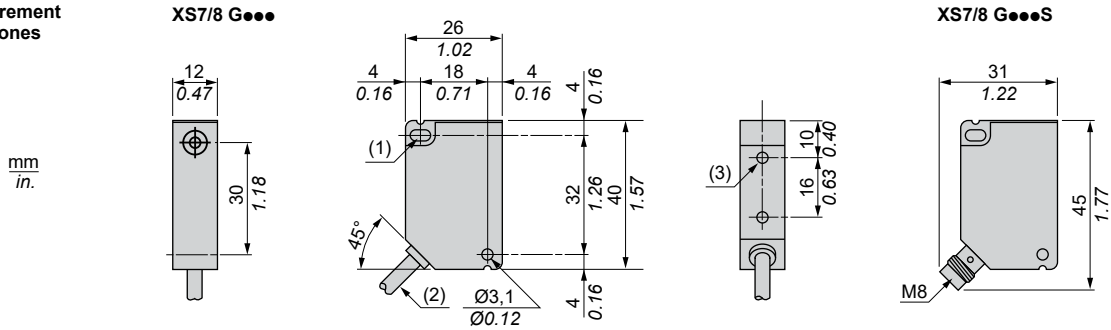
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Mounting
Particularités de montage
Montaje

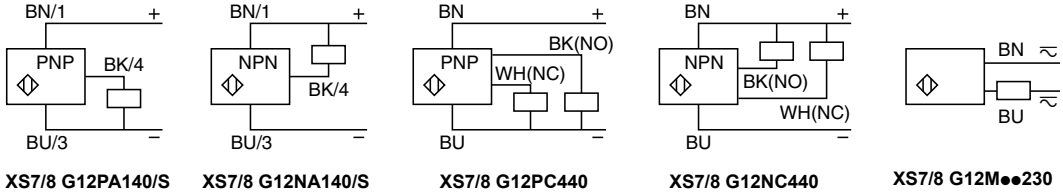


Dimensions
Encombrement
Dimensiones



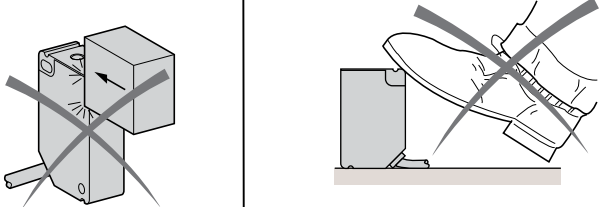
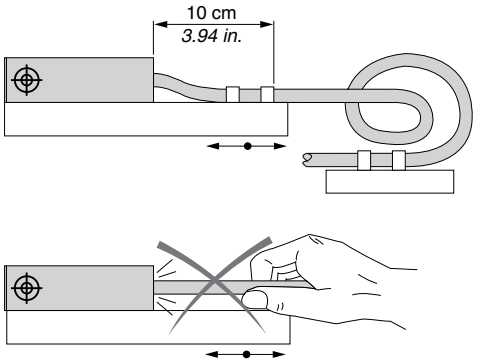
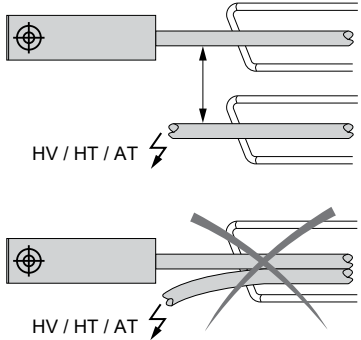
- (1) : Ø3 x 5,5 mm / Ø0.12 x 0.22 in.
(2) : Cable Ø4,2 mm → 2 x 0,34 mm² / 3 x 0,34 mm² / 4 x 0,34 mm²
Cable Ø0.16 in. → 2 x AWG22 / 3 x AWG22 / 4 x AWG22
(3) : 2 x M3 x 5 mm (0.20 in.)

Wiring
Raccordement
Cableado



	F	GB	D	I	ESP	P	S	NL	GR
BN	brun	brown	braun	marron	marrón	castanho	brun	bruin	καφέ
BU	bleu	blue	blau	blu	azul	azul	bla	blauw	μπλε
BK	noir	black	schwarz	nero	negro	preto	svart	zwart	μαύρο
WH	blanc	white	weiß	bianco	blanco	branco	vit	wit	ασπρο

Protections
Protections
Protecciones



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