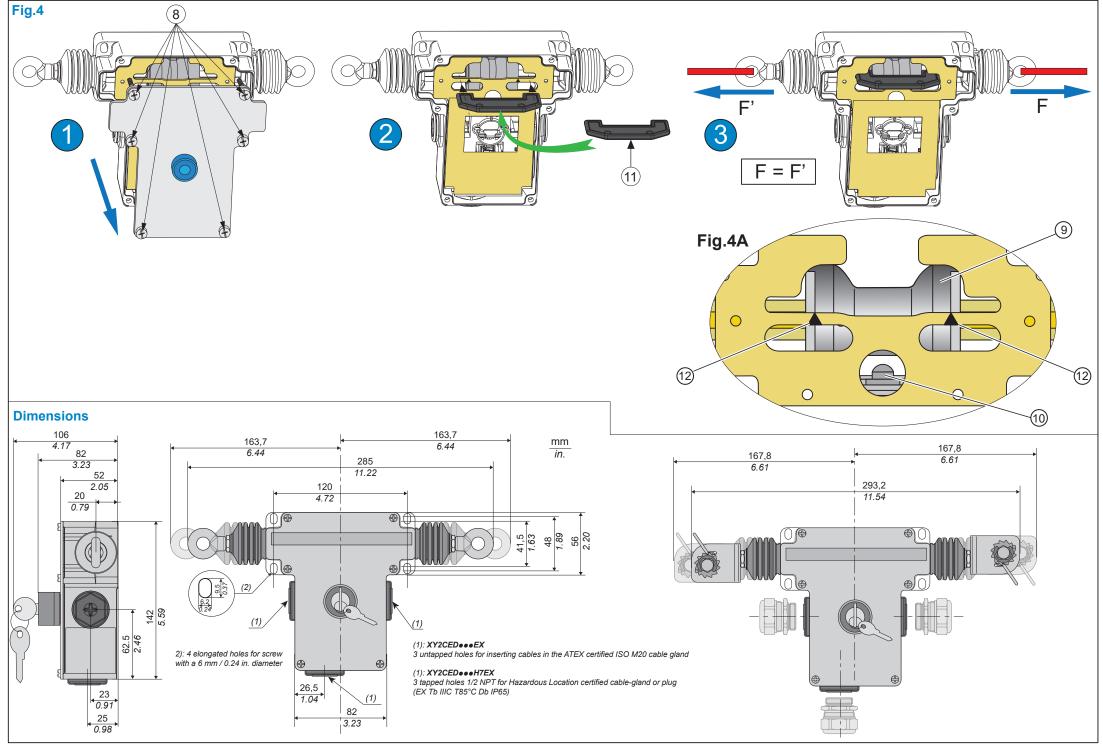
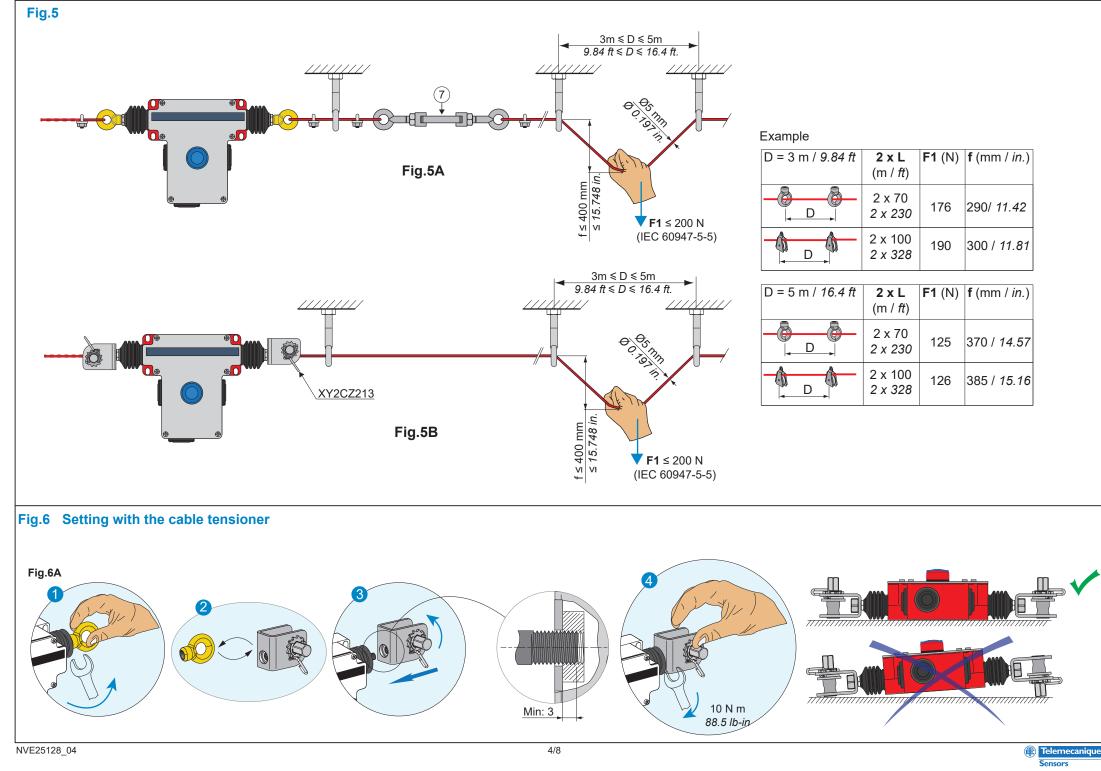


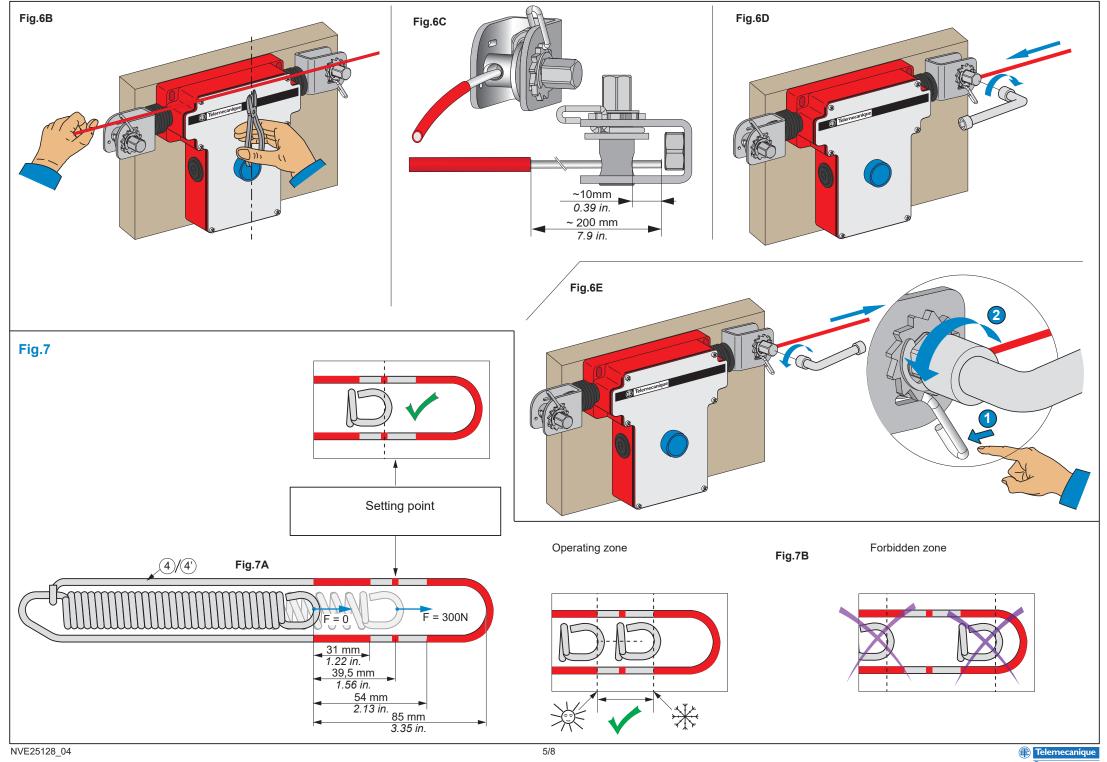
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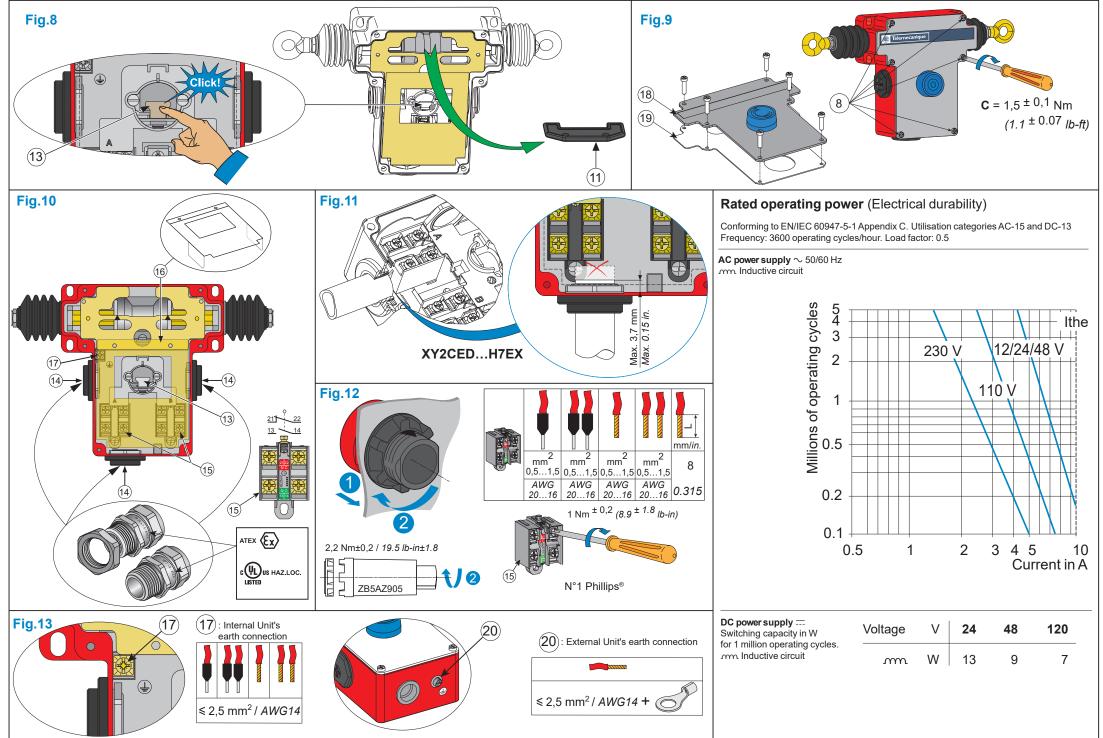


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NVE25128_04





	2CEDA290H7EX / XY2CEA4			EN/IEC 60079-0		www.tesensors.con			
			EC type examination certificate: RIS 04ATEX0015X - IECEx INE 16.0001X		LISTED E501196	Ind. Cont. Eq. for Use in HAZ. LOC Zn21 AEx tb IIIC T85°C Zn21 Ex tb IIIC T85°C Db			
EMERGENCY STO	OP ROPE PULL SWITCHES				A DANGER				
Use of this device must be solely limited to making emergency stops using a trip wire. These devices must be installed, used and maintained in accordance with: - Standard EN 60079-14 (Explosive atmospheres), part 14 (Electrical installations design, selection and erection). - Standard EN 60079-17 (Explosive atmospheres), part 17 (Electrical installations inspection and maintenance). - Standard EN 60079-31 (Explosive atmospheres), part 31 (Equipment dust ignition protection by enclosure 't"). - Standard FN 60079-31 (Explosive atmospheres - Part 31 (Equipment dust ignition protection by enclosure 't"). - Standard NF C 15 100 (Low voltage electrical installations) – European equivalent: IEC 60364. - UL 60079-30, 6th Edition, Explosive atmospheres - Part 31: Equipment - General requirements - Revision Date 2017/10/20 - UL 60079-31, 2nd Edition, Explosive atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure 't" – Issue Date 2015/06/12 - CSA C22.2 No. 60079-03:15, Explosive atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure "t" – Edition 2 – Issue Date 2015/10. - Standard EN ISO 13850 (Safety of machinery -Emergency Stop - Principles for design) - Regulations governing setup of the zone or zones for which the devices were designed. We cannot accept any responsibility for failure to observe these regulations. Device installation, operation and maintenance must be carried out by approved, qualified staff.			RISK OF PHYSICAL INJURY • Inspect the cable in its entirety to identify the reason for the emergency stop order before restarting. • Use only Telemecanique Sensors accessories and Telemecanique Sensors Ø 5mm cable. • Mount the product to its support using 4 screws. • Mount the product in compliance with the centering constraints mentioned in fig.1 • Use only NC contacts for the emergency stop safety function • The use of 2 end-springs XY2C2712 is mandatory. • Place the cable guides or pulleys no less than 3 meters (9.84 ft.) and no more than 5 meters (16.4 ft.) apart from each other. • Remove all objects placed on or masking the cable. • Ensure that the cable is free to move. • Ensure that the cable is accessible along the entire traction zone. • Check that none of the device components is deformed by an electrical cable once the cover is closed. • Check that the device, cable and accessories are securely mounted in place. • Check the product installation, setting and functioning based on the information provided in this instruction manual. • Check the proper working of the XY2CED, cables and accessories after installation and after any work is done on the installation. Failure to follow these instructions will result in death or serious injury.						
Liability for manufactur delivery destination.	rer traceability (serial number specified on the	certification label) is ensured at the first known	RISK OF ELECT	RICAL SHOCK. EXPLOSION OR ARC F					
Charactéristics			 Before any inte 	rvention, switch off the power supply of the	equipment acting a	is the support.			
Mechanical durability 60000 operation cycles			 Before any work is done, switch off the power supply of the device. Take care not to damage the parts of the support that are normally powered. 						
Maximum safety level (1)	PL=e, category 4 conforming to EN/ISO 13	PL=e, category 4 conforming to EN/ISO 13849-1 and SIL 3 conforming to EN/IEC 61508			 Visually inspect the good condition of the product. Use appropriate personal protective equipment (PPE) and follow the recommended instructions for electrical environments. (see NFPA 				
Reliability data B10d	300.000 (data value for a service life of 20	years can be limited by contact and mechanical wear)	70E). • Always use an appropriate electrical measuring device to confirm that the entire installation is powered down.						
Ambient air temperature	Operation: - 20+ 60 C° / - 4140 F° - St (Store products in their original packaging)	orage : - 40+ 70 C° / - 40158 F° in a dry place)	Use Atex/IECEx IP 65 cable glands. Protect the installation against power surges.						
Degree of protection according to IEC 60529	IP 65		Failure to follow these instructions will result in death or serious injury.						
Rated electric characteristics	AC15 ; A300 (Ue=240V, Ie=3A)		A WARNING						
of use	DC13 ; Q300 (Ue=250V, Ie=0,27A)		 RISK OF PHYSIC Secure the cable 						
Short-circuit protection	10A gG (gl) cartridge fuse installed out of t		 Do not pull on the 	he cable while adjusting cable tightness.					
Connection	min 1 x 0,5 mm ² - max 1 x 2,5 mm ² or 2 x	The ballour of the stand much				of parts such as bellows, gaskets, push button, etc. eel pusher and the push-button have to be protected from light.			
Clamping capacity Cable length	See Fig. 3	1,0 mm	 Ensure that the 	product is anchored along the same axis a evice based on the ambient temperature.	as the cable.	-			
Reset		ishroom head pushbutton (key no. 421)	 Ensure that the 	reset button zone remains accessible.					
Slow-break action 2x(NO + NC)	↓ ~ ↓ XY2CEDA290EX (2) XY2CEDA49			ble before dismantling the XY2CED. these instructions can result in death,	serious injury, or e	equipment damage.			
52			 Installation cor 	nstraints					
	correctly connected control system. odels, the reference is ending with "H7EX"		Check that the pr used: (Group II: liquids) - T85°C: The installation n The entire cable The maximum ler The mainimum ler The decentering The installation n	Surface industries - Category 2 : high prote max.surface temperature) hust be horizontal and rectilinear. length must be visible from the emergency ngth of the installation must not exceed 20 gth of the installation must exceed 70 m (2 of product Δ L must not exceed: Δ Lmax.=1 hust be performed with an ambient temper	ection level - D : Dus stop device (ISO 1: 0 m (656 ft.) (fig.1). 230 ft.) (fig.1). $0\% \times \frac{L1 + L2}{2}$ ature corresponding	to the average of the operating temperature range.			
			The maximum can Depending on the $-2 \times L = 70140$	ble length must be compatible with accept length of the installation, use the followin $m(230459 \text{ ft.}) \rightarrow \text{Rings XY2CZ601}$ (pull 0 m (459656 ft.) $\rightarrow \text{Pulleys XY2CZ708}$ (r	table temperature d g equipment for guid eys XY2CZ708 : als	ifferences (Fig. 2). ling the cable:			

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

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<image/> <text><text><text><text><text><text><text><list-item><list-item><section-header><section-header><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></section-header></section-header></list-item></list-item></text></text></text></text></text></text></text>	XY2CEA290EX / XY2CEDA290H7EX / XY2CEA490EX / XY2CEDA490H7EX				www.tesensors.com
 h. August be solve (0) to a right support using 4. M6 synchical head across through hears (0) (dighting targue = 40.5 N m / 2.562.3 m / 2	Zone / Zone / Bereich 21 - 22 II 2 D – Ex tb IIIC T85°C Db IP65 INERIS 04ATEX0015X - IECEX II		EN/IEC 60079-31 UL 60079-0 UL 60079-31 CSA C22.2 N°60079-03	15	Zn21 AEx tb IIIC T85°C
	 1. Mount the device ① to a rigid support using 4 M6 cylindrical head screws through holes ③ (tightening torque = 4±0.5 N.m / 2.9520 7/b, M). 2. Stace why fast, the cable guides ③ to figid elements in compliance with the specified distance. 2. Stace why fast, the cable guides ③ to figid elements in compliance with the specified distance. 3. Stace why fast, the cable guides ③ to figid elements in compliance with the specified distance. 3. Stace why fast, the cable guides ③ to figid elements in compliance with the adjusting shim ③ (fig.4). 6. Connect the cables ③ and ③ to the end springs ③ and ④ using a cable clamp ④. 7. Pass the cables ③ and ④ to the product ①. 8. Connect the cables ③ and ⑤ to the turnbuckles ⑦ using a cable clamp ④. 2. Connect the cables ③ and ⑤ to the divice ⑦ with a portion of cable ③ and ③ by passing through the cable guides ⑤ and ⑤ to the divice ⑦ with a portion of cable ③ and ⑥ by passing through the cable guides ⑥ and ⑤ to the divice ⑦ with a portion of cable ③ and ⑥ by passing through the cable guides ⑥ and ⑤ to the divice ⑦ with a portion of cable ③ and ⑥ by passing through the cable guides ⑥ and ⑧ to the turnbuckles ⑦ 8. Tornstowr use (fig. 58 and 6) 1. Unscrew the front rings XY2C2501 and replace them with the tensioners XY2CZ213 (fig. 6A). 2. Cur the cable 10 mm / 787 /n. and pass it into the tensioner (fig. 6C). 3. Tighten the cable ③ and ⑨ turning the turnbuckles ⑦ 8. The cessary, untighten the cable ⑤ and Ø yrunning the lensioner (fig. 6C). 5. If necessary, untighten the cable ⑤ and Ø yrunning the formstore (fig. 6C). 5. If necessary, untighten the cable ⑤ and Ø yrunning the lensioner (fig. 6L). 6. The cable ⑤ and ⑨ until the springs ④ and ⑨ reach the setting point (fig. 7A). When the forces are balanced, the shim can be removed 2. Remove the shim ⑤ (fig. 6) and ensure that the cam ⑨ remains centered relative to the actuat	 1. Remove the con 2. If the pre-mount 3. Mount the cable 4. Re-mount the b 5. Lift the protectiv 6. Connect the ele 7. Check that thera 8. Carefully put ba 9. Mount the cover (i), ensure that the NOTE: A For external unit¹. Version XY2CED Use suitable cable 6. Servicing and in The intervals for The proper functi application (e.g. in The bellow and p Provision shall be Care shall be tak Device shall be tak Device shall be tak If the product or all the screws an if any of the items 4140 F°) and h MOTE: During reg The tightening to The good conditi Spring lension: S Product rearming Dismantlien / R Dismantle the cable 	ad cable gland is not at the right place for the gland by respecting its mounting instructions anking plug (@ and its nut into the empty hole a sheet (@ without damaging it. trical cables to the yoke screw terminals (©) (are no cables passing through the reset switch in place the protective sheet (@). (@) onto the device (T) using the six screws (@ seal (@) is in good condition and in the correct earth connection (@) and for internal unit's ea H7 (rigid tube connection): see fig. 11 . as and cable-glands to a minimum temperature try ing out servicing and maintenance m oning of the XY2CED and its operating line m mber of operations, level of environmental pr variations must never move the loops of the service does not become covered in layers of on the device is on. on of the fixing supports. ushbutton shall be protected from light. made to prohibit the product from being exp ennot to install the equipment where propag- geaned using a damp cloth, compresed air must nust be checked at least once a year or for must be checked at least once a year or for must be defective, it must be replaced imm immidity (50 to 95 %) ranges, check the integri ular maintenance, you must check the followit que of the screws and XY2CED components (umi an show signs of fair wear and tear but this r the cable. on of the cable, check that the installation is is pluckles must be found within the operar (an show signs of fair wear and tear but this r the cable. Pull the cable, check that the installation is is acycling e (@) and (@) before the XY2CED.	application, unscre (tightening torque = tch area (3). (tightening torque = tch area (3). (tightening torque t t position. arth connection (2), s re of 65 °C for an a ust be set accordi ust be set accordi ust be checked on plution, etc.). springs outside of th ust be checked on source the set accordiant ust be set accordiant s a suel as the other a suckle, cable clamp nust not block the n s must be present. ting zone (fig.7B) stopped and rearm	$f = 1 \pm 0.1 \text{ Nm} / 0.73 \pm 0.07 \text{ (b, ft)}.$ $f = 1 \pm 0.1 \text{ Nm} / 0.73 \pm 0.07 \text{ (b, ft)}.$ $f = 1,5 \pm 0.1 \text{ Nm} / 1.1 \pm 0.07 \text{ (b, ft)} \text{ (fig. 9)}. \text{ Before closing the cover}$ see fig.13. mbient temperature of 60 °C ng to the environment and climatic variations. a regular basis based on the level of security required by the neworking area (see Fig. 7A and 7B) regularly. impacts while in use. the may occur. toppage period: the replaced by identical equipment/parts. ces are used at the limits of the temperature (- 20+ 60 C° / 1 devices at regular intervals. er accessories (turnbuckle, cable clamp, cable guide, etc.). the product.



ries SAS

