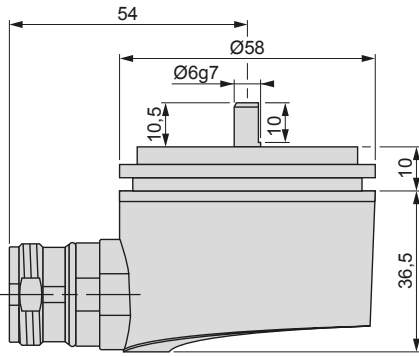


Ø58

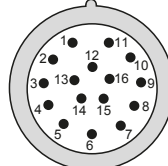
XCC 2506PS81K●●
XCC 2506PS81S●●



All dimensions in mm
Toutes les dimensions en mm
Todas las dimensiones en milímetros

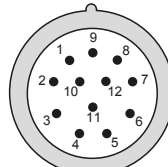
1 mm = 0.0397 inch

XCC 25...PS81K●●



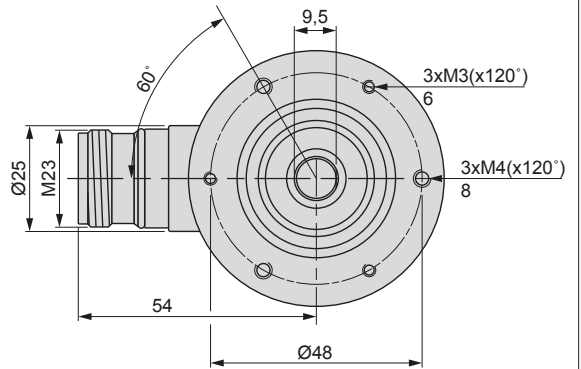
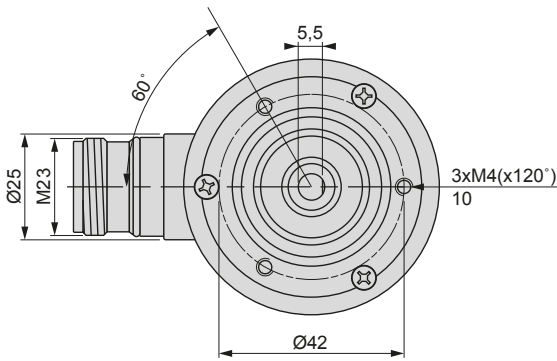
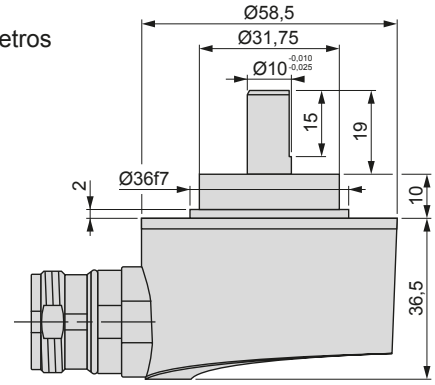
16b

XCC 25...PS81S●●



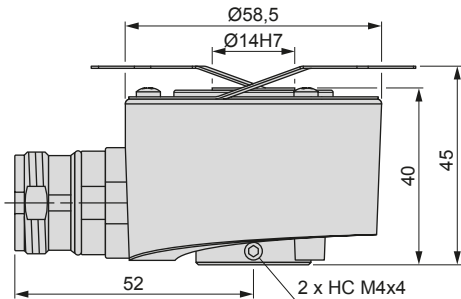
12b

XCC 2510PS81K●●
XCC 2510PS81S●●

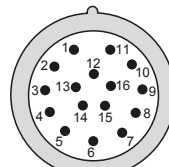


Ø58

XCC 2514TS81K●●, XCC 2514TS81S●●

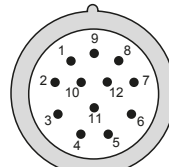


XCC 2514PS81K●●

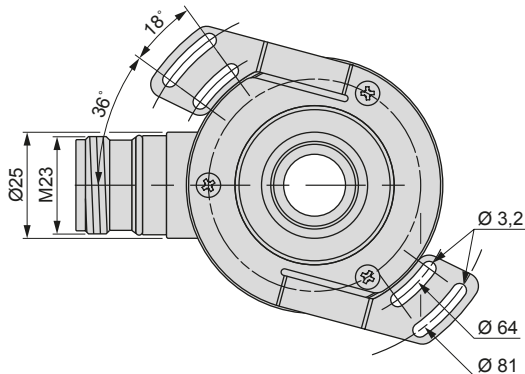
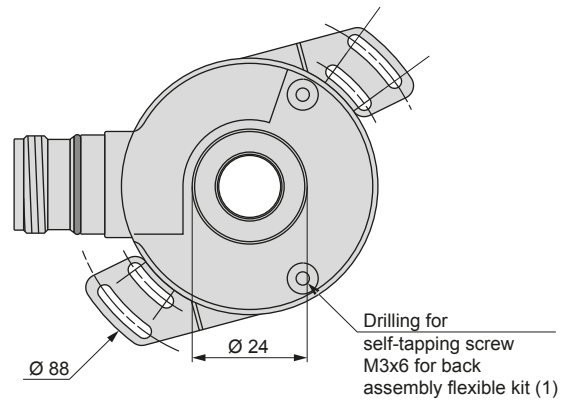


16b

XCC 2514PS81S●●



12b



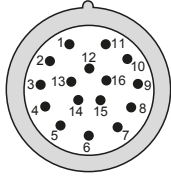
(1) Perçage pour vis autotaraudeuse M3x6 pour montage kit souple arrière /
Perforación para tornillo autorroscable M3x6 para equipo flexible de montaje posterior

- en 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.
- fr Les équipements électriques doivent être installés, exploités et entretenus par un personnel qualifié. Schneider Electric décline toute responsabilité quant aux conséquences de l'utilisation de ce matériel.
- es Sólo el personal de servicio cualificado podrá instalar, utilizar, reparar y mantener el equipo eléctrico. Schneider Electric no asume las responsabilidades que pudieran surgir como consecuencia de la utilización de este material.

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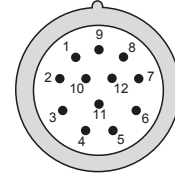
Ø90

XCC 2912PS81K●●

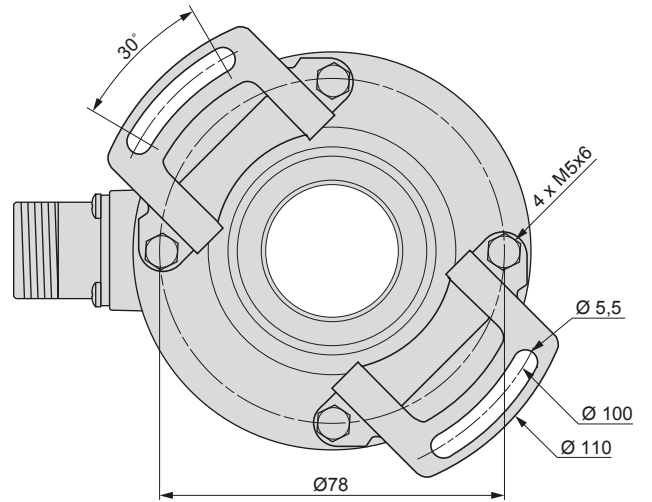
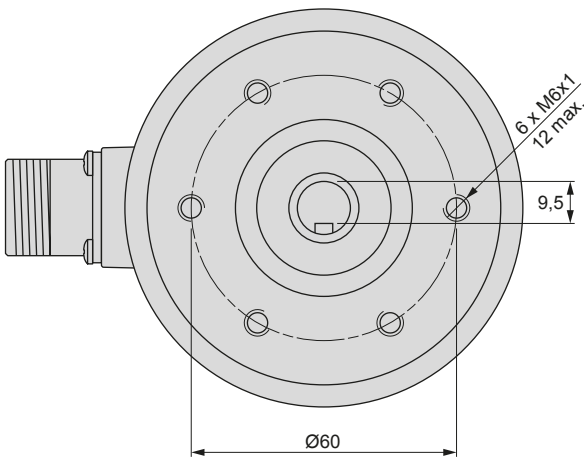
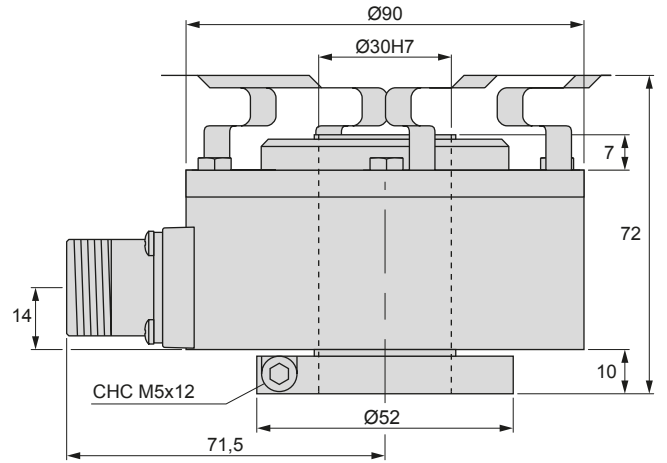
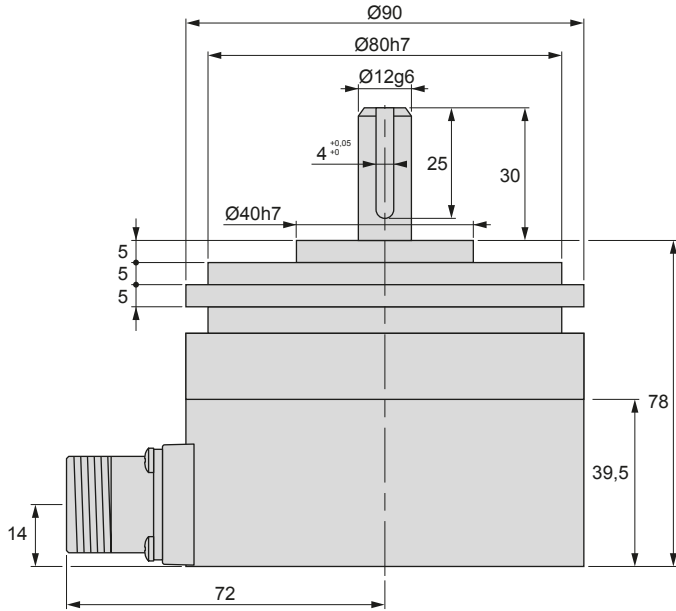


16b

XCC 2912TS81S●●



12b



Wiring: / Câblage : / Cableado:

Power
Puissance
Potencia

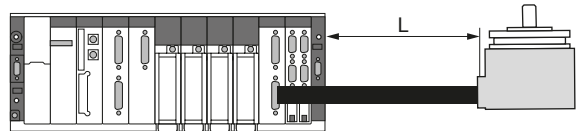
Data
Données
Datos

$d \geq 20 \text{ mm}$

Power
Puissance
Potencia

Data
Données
Datos

90°

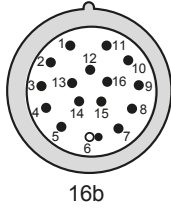


L	S
< 30 m (98.43 ft)	0,14 mm ² (26 AWG)
≥ 30 m (98.43 ft)	0,22 mm ² (24 AWG)

S: Wire sizes /
Sections de câble /
Tamaños de cable

Ø58, Ø90

XCC 25.....K.., XCC 29.....K..

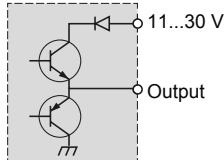


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
0 V	+ V	d0	d1	d2	d3	d4	d5	d6	d7	d8	d9	d10	d11	d12	↻ ↺ (*)

- (*) ↻ : Clockwise direction, 16 to + V.
 ↺ : Anticlockwise direction, 16 to 0 V.
 ↻ : Sens horaire, 16 au + V.
 ↺ : Sens anti-horaire, 16 au 0 V.
 ↻ : Sentido horario, 16 a + V.
 ↺ : Sentido antihorario, 16 a 0 V.

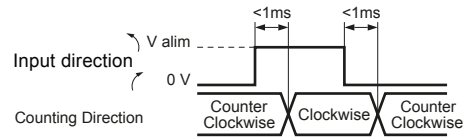
Resolution (point/turn) / Résolution (point/tour) / Resolución (punto/vuelta)	Connected / Connecté / Conectado	Bits
8192	d0...d12	13
4096	d1...d12	12
2048	d2...d12	11
...
2	d12	1

Output



Level "0" maxi : 0,5 V
 Level "1" mini : Valim - 2,5 V (XCC 25)
 Level "1" mini : Valim - 3 V (XCC 29)

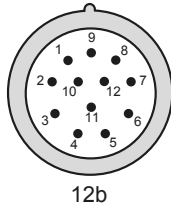
Is max. (1)	20 mA
Power supply (2) [0 V / +V]	11...30 V
Max. ripple (3)	500 mV



	min		max		
	XCC 25	XCC 29	XCC 25	XCC 29	
Level "0"	0 V	0 V	0,3xValim	2 V	↻ Counter-Clockwise
Level "1"	0,7xValim	4,5 V	Valim	30 V	↺ Clockwise
I sens	< 5 mA				

Max. consumption without load (4)	100 mA max.
Output signal (5)	11...30 V
Max. frequency (6)	100 kHz LSB

XCC 25.....S.., XCC 29.....S..

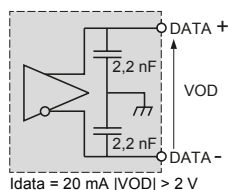


1	2	3	4	5	6	7	8	9	10	11	12
0 V	Data +	Clk +	R	↻ ↺ (*)	R	R	+V	R	Data -	Clk -	R

R : Reserved, do not connect to a potential (7)
 Clk: Clock / Horloge / Reloj

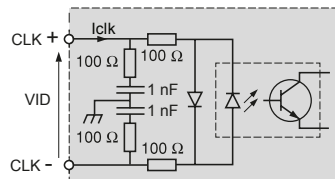
- (*) ↻ : Clockwise direction, 5 to 0 V.
 ↺ : Anticlockwise direction, 5 to + V.
 ↻ : Sens horaire, 5 au 0 V.
 ↺ : Sens anti-horaire, 5 au + V.
 ↻ : Sentido horario, 5 a 0 V.
 ↺ : Sentido antihorario, 5 a + V.

Output Data RS422

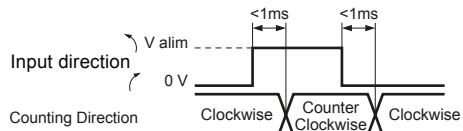


Idata = 20 mA |VOD| > 2 V

Input clock



|VID| maxi : 5 V
 |Iclk| maxi : 15 mA



	min		max		
	XCC 25	XCC 29	XCC 25	XCC 29	
Level "0"	0 V	0 V	0,3xValim	0,25 V	↻ Clockwise
Level "1"	0,7xValim	3,5 V	Valim	30 V	↺ Counter-Clockwise
I sens	< 5 mA				

Is max. (1)	20 mA
Power supply (2) [0 V / +V]	11...30 V
Max. ripple (3)	500 mV

Max. consumption without load (4)	100 mA max.
Output signal (5)	5 V Push Pull
Max. frequency (6)	1 MHz

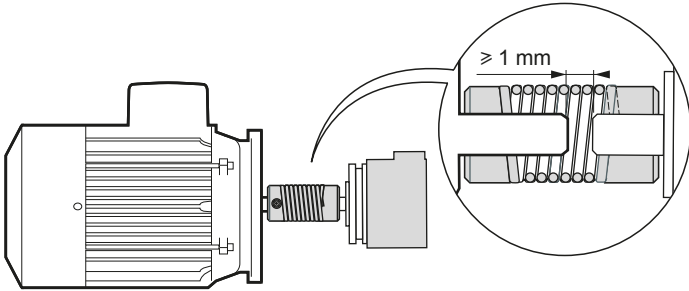
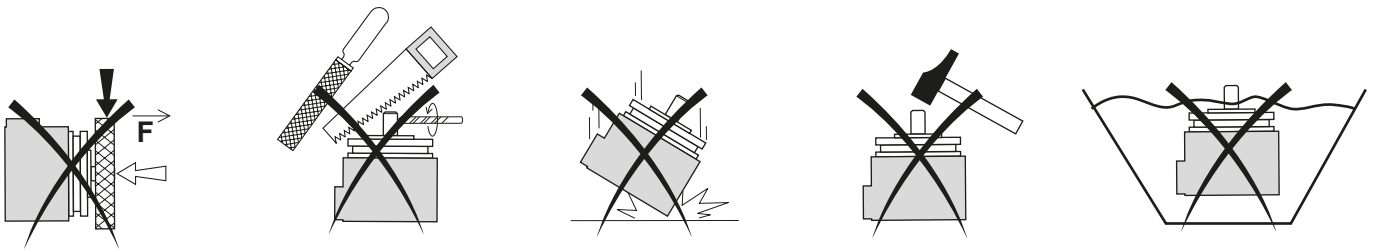
- (1) Is maxi. / Is máx.
 (2) Tension d'alimentation. / Alimentación.
 (3) Ondulation maxi. / Ondulación máx.
 (4) Courant max. consommé sans charge. / Corriente máx. consumida sin carga.
 (5) Signal de sortie. / Señal de salida.
 (6) Fréquence max. / Frecuencia máx.
 (7) Réservé, ne pas connecter à un potentiel. / Reservado, no conectar a un potencial.

CAUTION / ATTENTION / AVISO

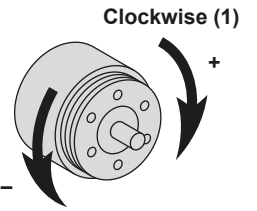
UNINTENDED EQUIPMENT OPERATION
 In interference zones, connect the encoder socket to ground using one of the retaining screw.
Failure to follow these instructions can result in injury or equipment damage.

COMPORTEMENT INATTENDU DE L'EQUIPEMENT
 Dans les ambiances perturbées, relier l'embase du codeur à la terre, à l'aide d'une des vis de fixation.
Le non-respect de ces instructions peut provoquer des blessures ou des dommages matériels.

FUNCIONAMIENTO INESPERADO DEL EQUIPO
 En los ambientes perturbados, conectar la toma del codificador a tierra con un tornillo de fijación.
Si no se siguen estas instrucciones puede producirse lesiones personales o daños en el equipo.



Max speed: / Vitesse maxi: /
Velocidad máxima: 6000 rpm



Clockwise (1)
Counter-clockwise (2)
(1) Horaire / Horario
(2) Anti-horaire / Antihorario

⚠ DANGER / DANGER / PELIGRO

HAZARD OF ELECTRIC SHOCK

- Disconnect all power before servicing equipment.
- Ensure that the revolving machine is blocked before any intervention on this equipment.

Failure to follow these instructions will result in death or serious injury.

RISQUE D'ELECTROCUTION

- Coupez l'alimentation avant de travailler sur cet appareil.
- S'assurer que la machine tournante est bloquée avant toute intervention sur cet appareil.

Le non-respect de ces instructions provoquera la mort ou des blessures graves.

RIESGO DE ELECTROCUCIÓN

- Desconecte toda alimentación antes de realizar el servicio.
- Garantizar que la máquina giratoria se bloquee antes de toda intervención sobre este aparato.

Si no se siguen estas instrucciones provocará lesiones graves o incluso la muerte.

CAUTION / ATTENTION / AVISO

UNINTENDED EQUIPMENT OPERATION

- Warranty nul and void if disassembled.
- Handle with care.

Failure to follow these instructions can result in equipment damage.

COMPORTEMENT INATTENDU DE L'EQUIPEMENT

- Perte de garantie si démontage.
- Manipulez avec soin

Le non-respect de ces instructions peut provoquer des dommages matériels.

FUNCIONAMIENTO INESPERADO DEL EQUIPO

- Pérdida de garantía si desmontaje.
- Utilizar con precaución.

Si no se siguen estas instrucciones pueden producirse daños en el equipo.

