



FAGOR AUTOMATION

ENCODER ANGULAR MODELO: H2ABC-D200

ANGULAR ENCODER MODEL: H2ABC-D200

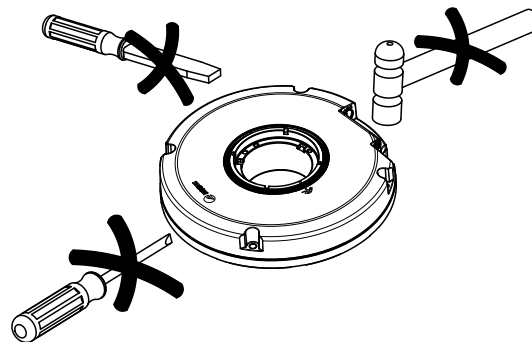
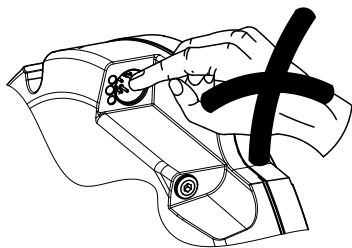
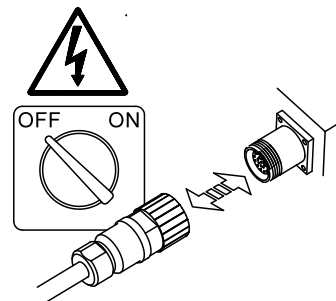
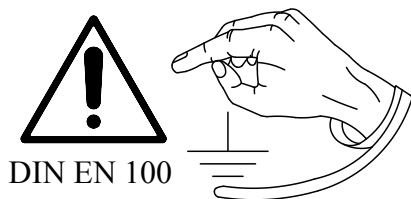
MANUAL DE INSTALACION / *INSTALLATION MANUAL*

Manual Code: 14460287

Manual Version: 1812

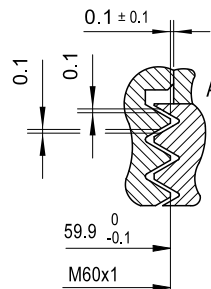
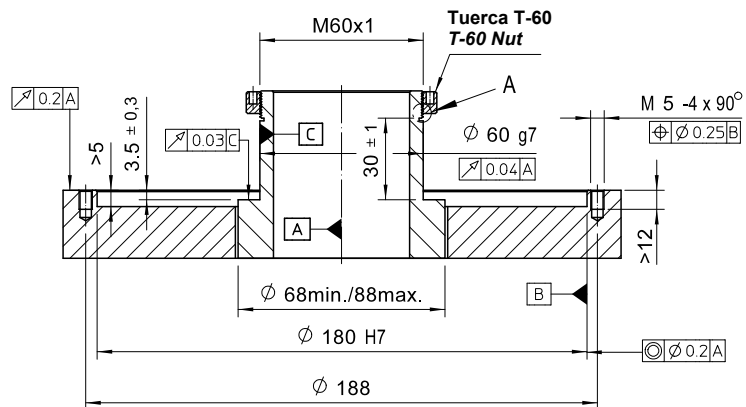
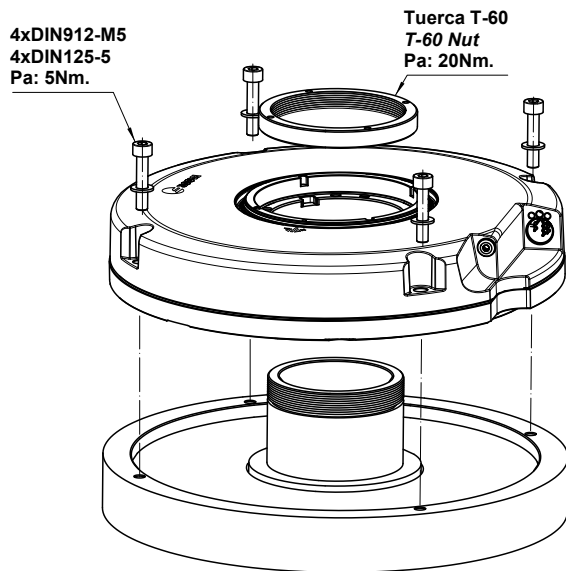


Precaución / Caution



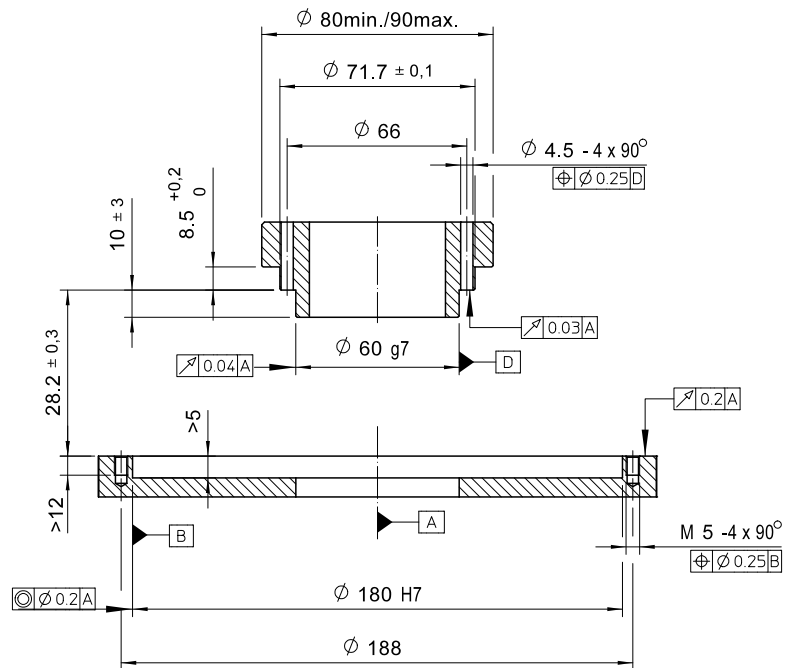
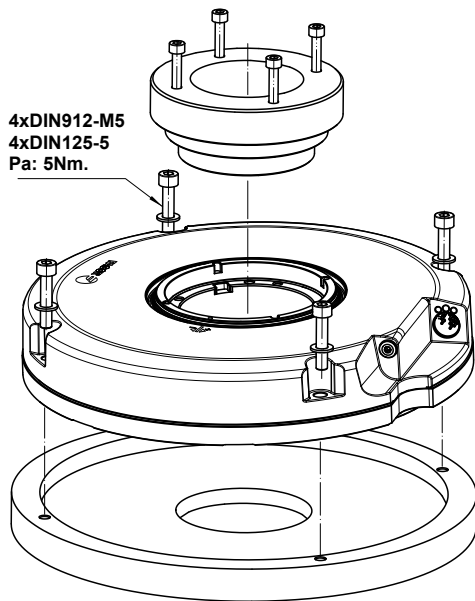
[illegible]

Posibilidades de montaje / Mounting possibilities



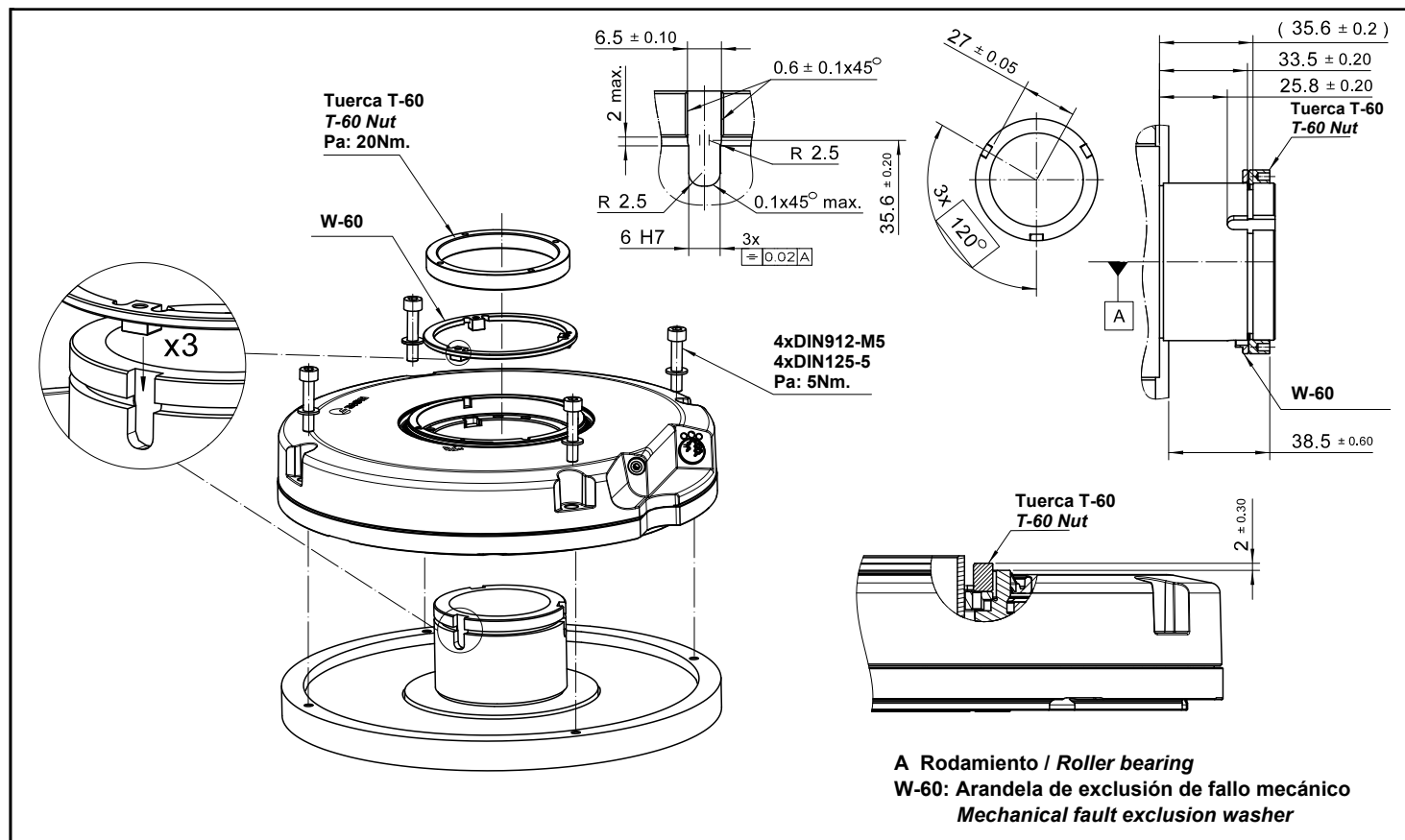
A Rodamiento / Roller bearing

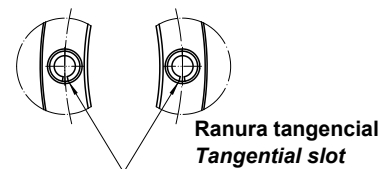
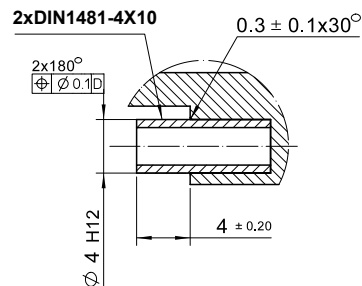
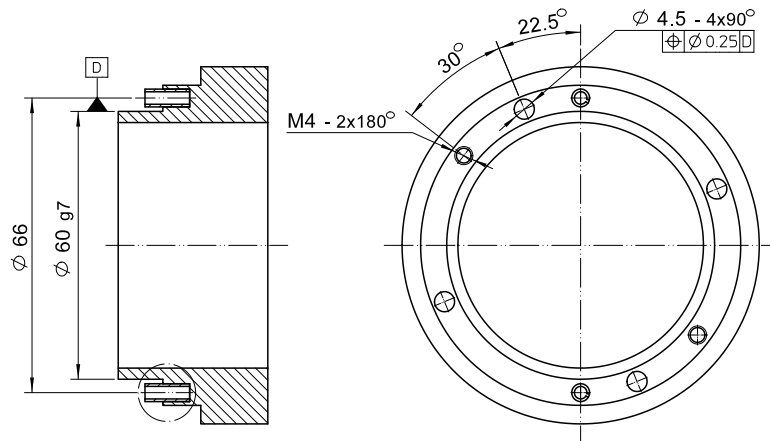
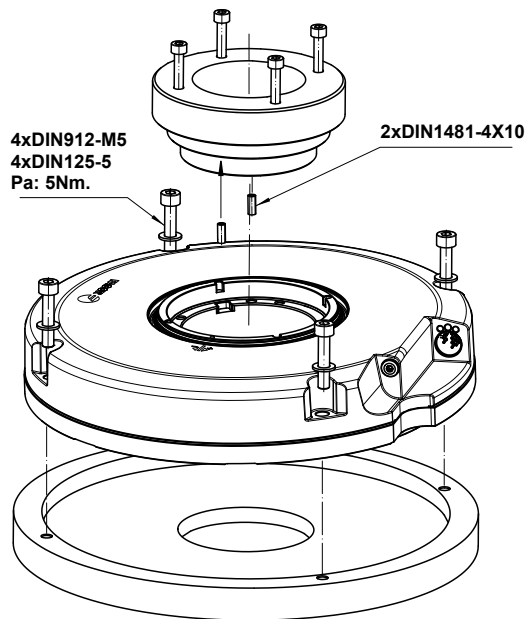
Pa = par de apriete / tightening torque



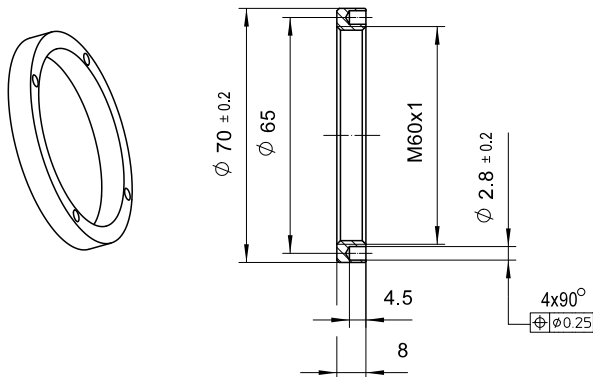
A Rodamiento / Roller bearing

Opción exclusión de fallo mecánico / Option mechanical fault exclusion

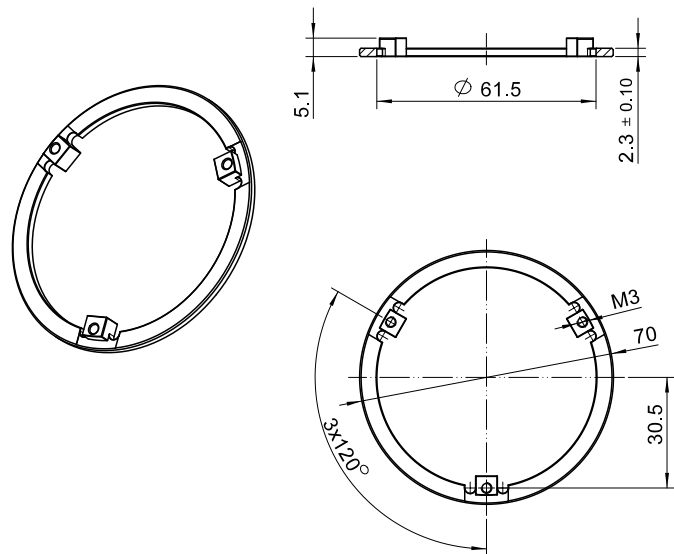




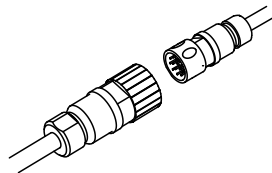
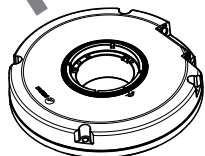
Tuerca T-60 / T-60 Nut
(Cod: 82620151)



Arandela de exclusión de fallo mecánico W-60
W-60 Mechanical fault exclusion washer
(Cod: 82620156)

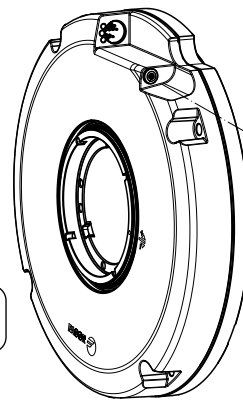
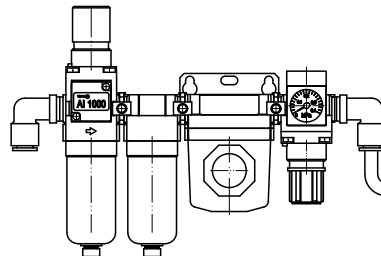


Máximo grado de protección IP 64
Maximum IP Code IP 64



Para grado de protección > IP 64
For IP Code > IP 64

Unidades de Filtro de Aire Fagor
Fagor Air Filter Units



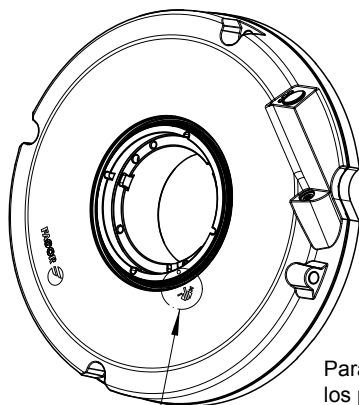
Pa = 1 Nm
SW 8

Cod.: 82620173

Para > IP 64
For > IP 64

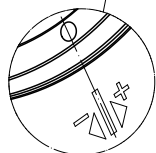
1 bar / 14.5 psi / 0.1 MPa
1-4 l/min
Calidad aire: clase 1.4.1.
Air quality: class 1.4.1.
ISO 8573-1

(SW) Tamaño de la llave hexagonal / Size of Allen wrench



Para instalar el encoder en la posición 0° girar el eje hasta alinear los puntos marcados en el eje y cuerpo.

For installing the encoder on the 0° position turn the shaft and align the marks on the shaft and body.

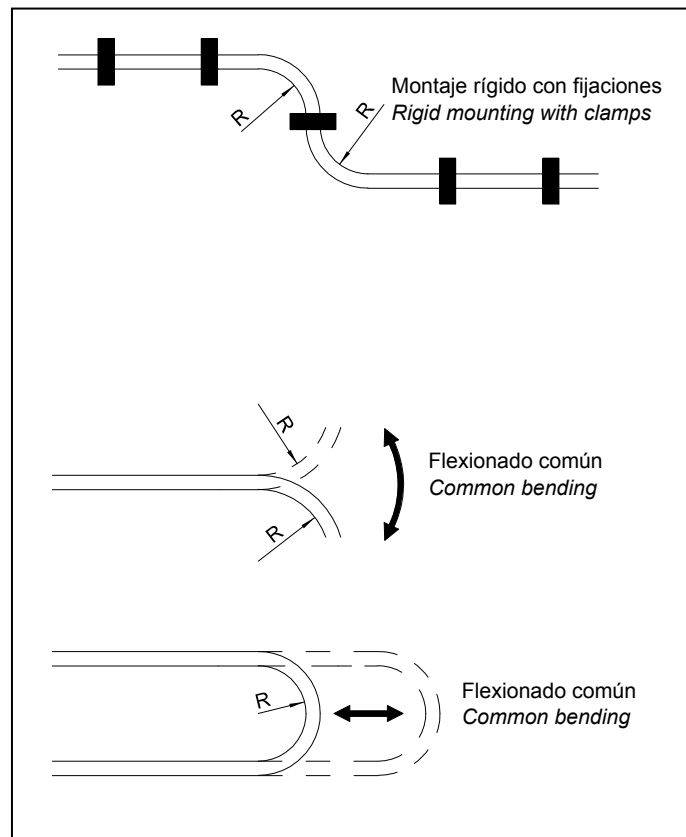


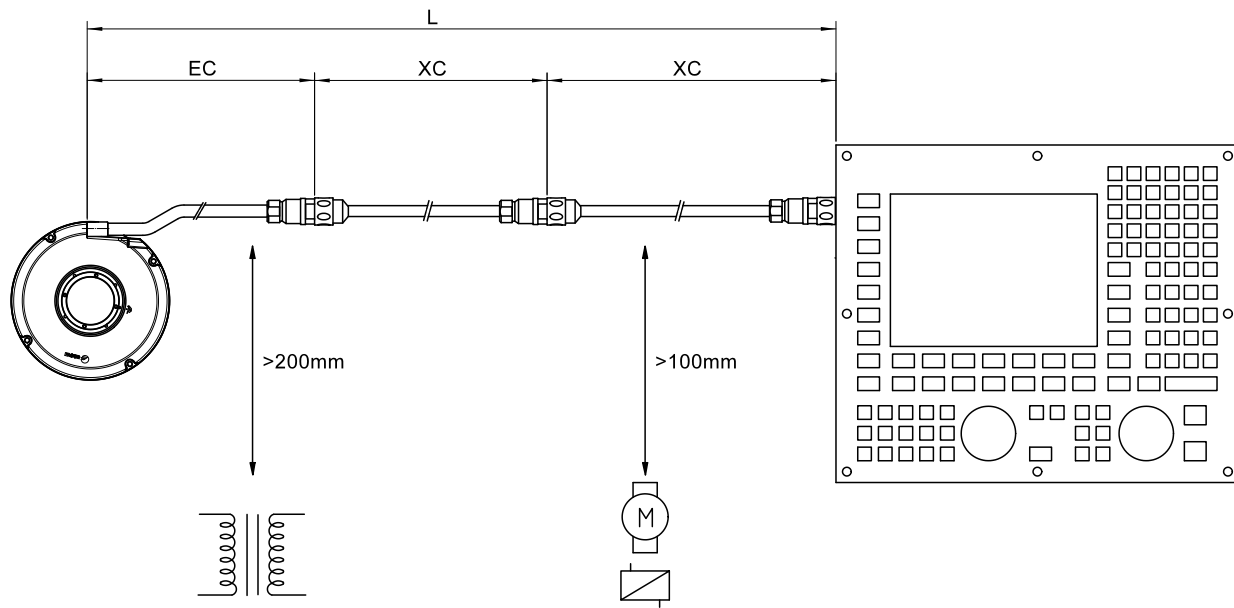
$\pm 5^\circ$

Sentido de contaje
Counting direction

Características eléctricas / *Electrical characteristics*

H2ABC-29-D200		
Alimentación / <i>Power supply</i>	5 V (3.6...5,25), 250 mA	
Resolución / Número posiciones por vuelta <i>Resolution / Number of positions per turn</i>	29 bits (536 870 912)	
Longitud del cable / <i>Cable length</i>	Consultar con Fagor Automation la longitud máxima de cable <i>Contact Fagor Automation for maximum cable length</i>	
Radio de curvatura / <i>Bending radius</i>		
	Rígido / <i>Rigid</i>	Flexible
Φ 6 mm	> 24 mm	> 60 mm
Φ 10 mm (con protección) / <i>(with protection)</i>	> 35 mm	> 60 mm
Φ 8 mm	> 50 mm	> 64 mm





Cables para conexión directa de encoders absolutos Fagor BiSS C puramente digital

Cables for direct connection of Fagor BiSS C pure digital absolute encoders

Sistemas Num con BiSS C puramente digital
Num systems with BiSS C purely digital

Conexión directa Cable EC
Direct connection EC cable

EC-CA-NM-F Longitud / *length* = 1, 3, 6, 9 m

Conexión con alargadera <i>Connection with extension cable</i>	(4 x 2 x 0.14 mm ² + 4 x 0.5 mm ²)	
Cable EC	Alargadera intermedia opcional XCint <i>Intermediate extension cable optional XCint</i>	Alargadera XC / <i>Extension cable XC</i>
EC-CA-C9-F Longitud / <i>length</i> = 1, 3 m	XC-C8-F-C9 Longitud / <i>length</i> = 5, 10, 15, 20, 25 m	XC-C8-NM Longitud / <i>length</i> = 5, 10, 15, 20, 25 m

Otros sistemas con BiSS C puramente digital (sin conector terminal)
Other systems with BiSS C purely digital (without terminal connector)

Conexión directa Cable EC
Direct connection EC cable

EC-CA-O-F Longitud / *length* = 1, 3, 6, 9 m

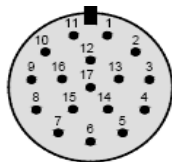
Conexión con alargadera <i>Connection with extension cable</i>	(4 x 2 x 0.14 mm ² + 4 x 0.5 mm ²)	
Cable EC	Alargadera intermedia opcional XCint <i>Intermediate extension cable optional XCint</i>	Alargadera XC / <i>Extension cable XC</i>
EC-CA-C9-F Longitud / <i>length</i> = 1, 3 m	XC-C8-F-C9 Longitud / <i>length</i> = 5, 10, 15, 20, 25 m	XC-C8-O Longitud / <i>length</i> = 5, 10, 15, 20, 25 m

EC -...CA - C9 - F	Conector circular 17 macho / 17-pin male round connector									
PIN	14	17	8	9	7	1	10	4	11	Carcasa Housing
SEÑAL SIGNAL	DATA	/DATA	CLOCK	/CLOCK	+5V	+5V sensor	0V	0V sensor	Tierra Ground	Tierra Ground
COLOR	Verde Green	Amarillo Yellow	Azul Blue	Rojo Red	Marrón Brown	Gris Grey	Blanco White	Rosa Pink	Malla interna Internal shield	Malla externa External shield

EC -...CA - O - F	Sin conector / without connector						
SEÑAL SIGNAL	DATA	/DATA	CLOCK	/CLOCK	+5V	0V	Tierra Ground
COLOR	Verde Green	Amarillo Yellow	Azul Blue	Rojo Red	Marrón + gris Brown + grey	Blanco + rosa White +pink	Mallas Shields



EC-...CA - C9 - F



Condiciones de garantía / *Warranty terms*

Las condiciones de garantía de este producto están disponibles en la zona de descargas del sitio web corporativo de FAGOR.

<http://www.fagorautomation.com>. (Tipo de fichero: Condiciones generales de venta-Garantía).

The warranty conditions for this product are available in the downloads section of FAGOR's corporate website at <http://www.fagorautomation.com>.

(Type of file: General Terms and Conditions of Purchase - Warranty).

Declaración de conformidad / *Declaration of conformity*

La declaración de conformidad de este producto está disponible en la zona de descargas del sitio web corporativo de FAGOR.

<http://www.fagorautomation.com>. (Tipo de fichero: Declaración de conformidad).

The declaration of conformity for this product is available in the downloads section of FAGOR'S corporate website at <http://www.fagorautomation.com>.

(Type of file: Declaration of conformity).

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FAGOR AUTOMATION