



FAGOR AUTOMATION

ENCODER ANGULAR MODELO: H2AF-D200i100

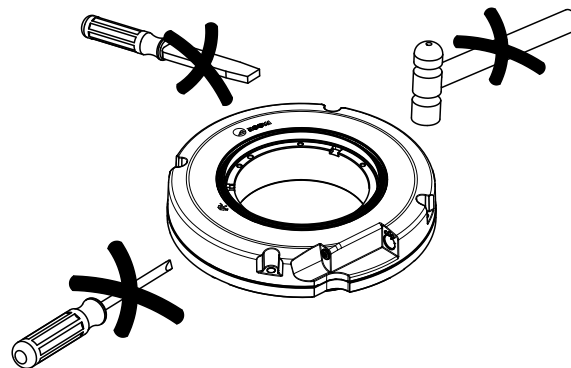
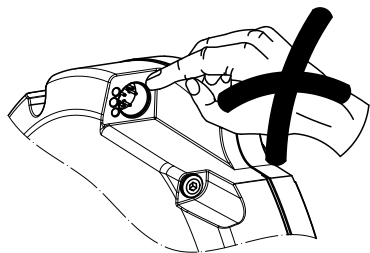
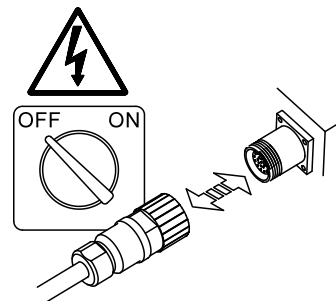
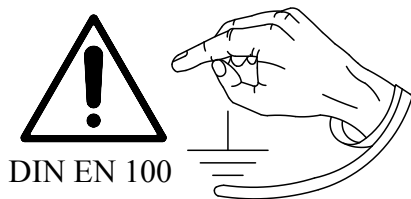
ANGULAR ENCODER MODEL: H2AF-D200i100

MANUAL DE INSTALACION / *INSTALLATION MANUAL*

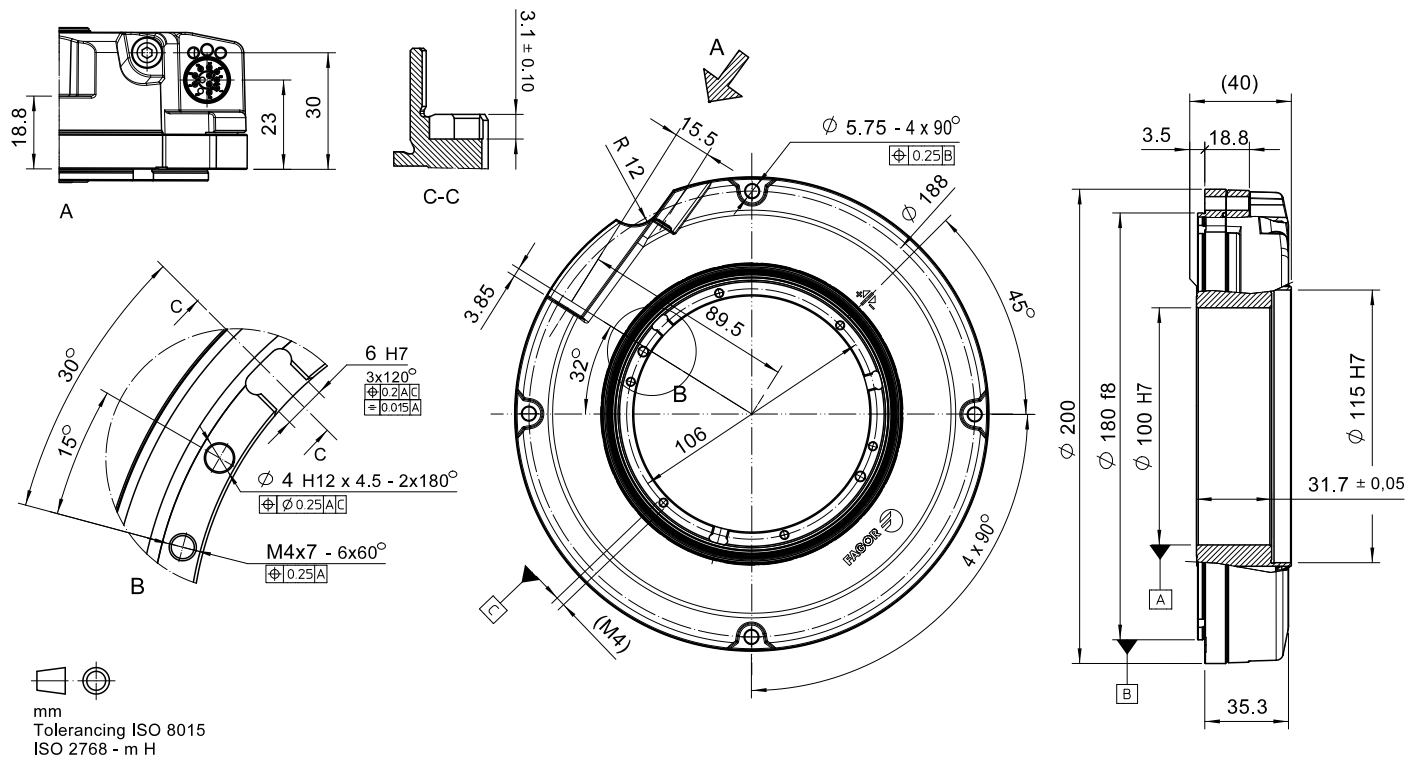
Manual Code: 14460254

Manual Version: 2007

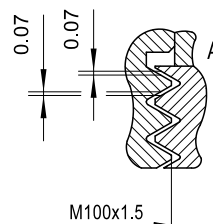
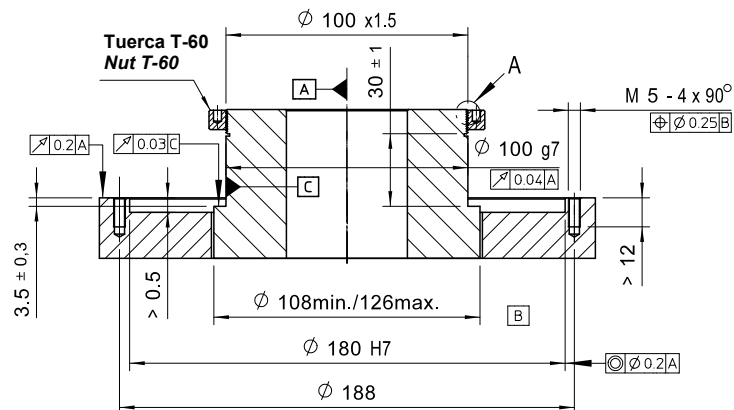
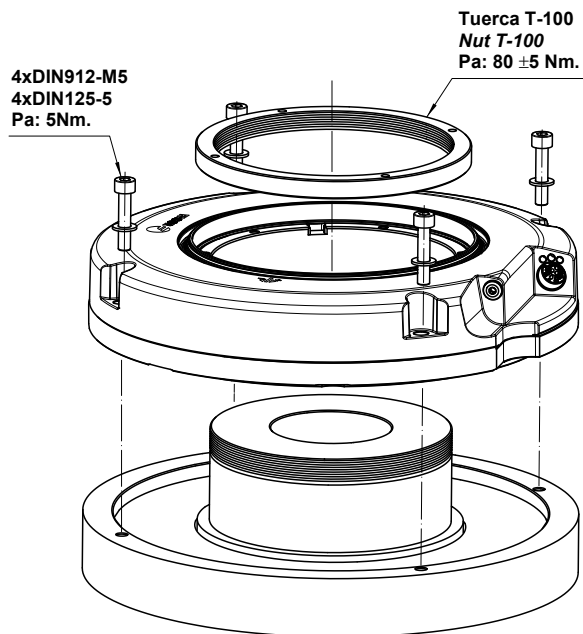




Dimensiones / Dimensions



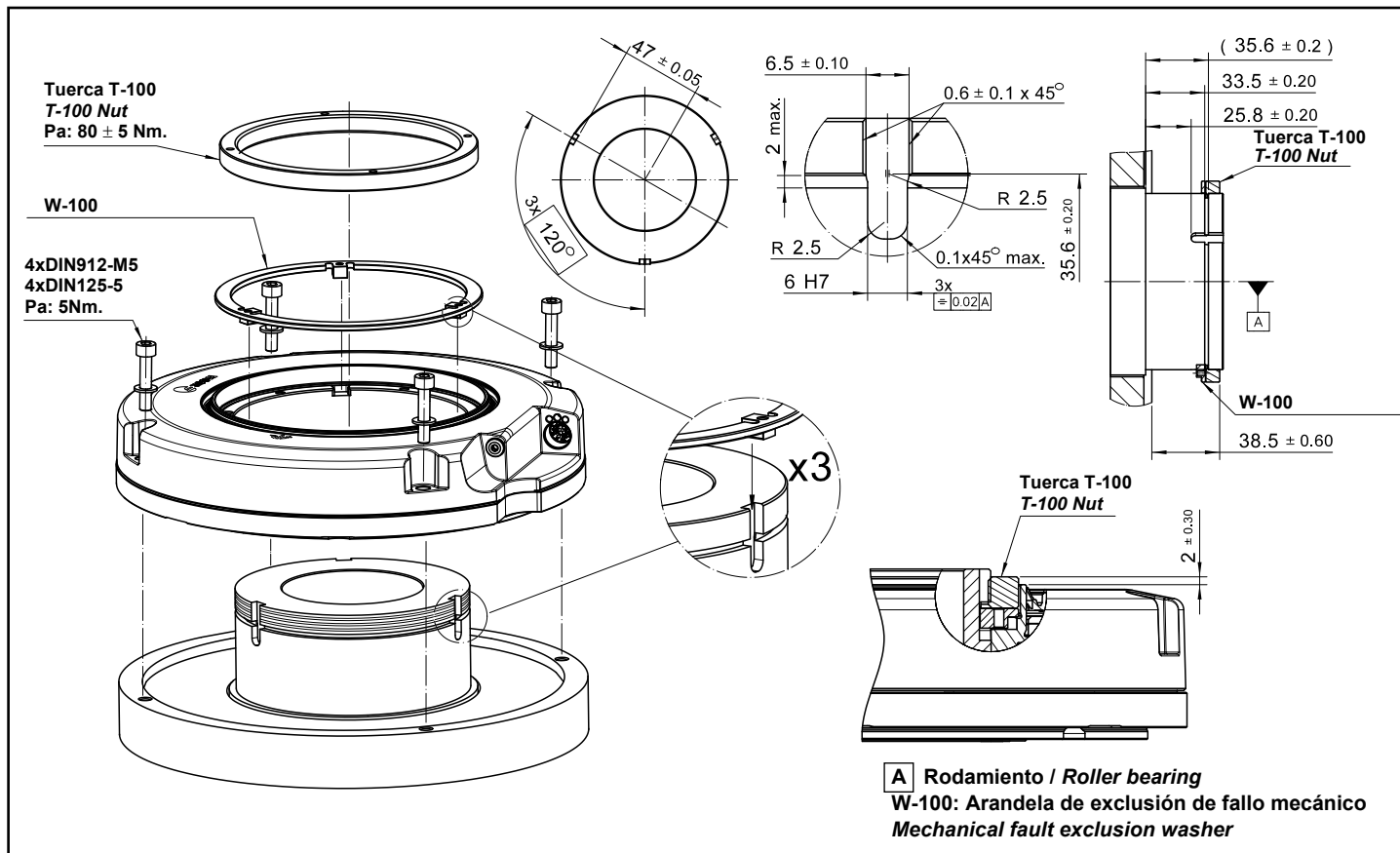
Posibilidades de montaje / Mounting possibilities

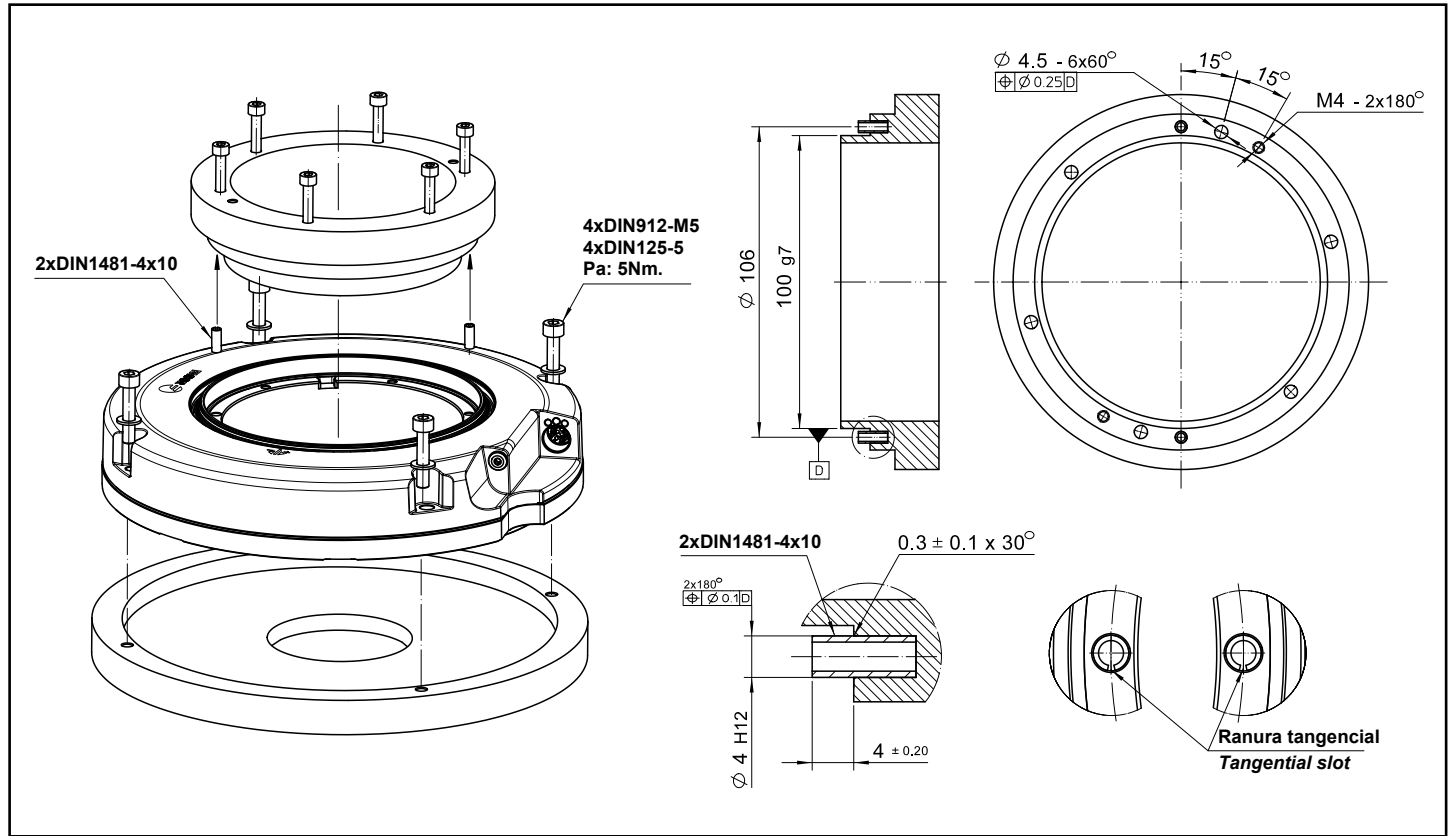


A Rodamiento / Roller bearing

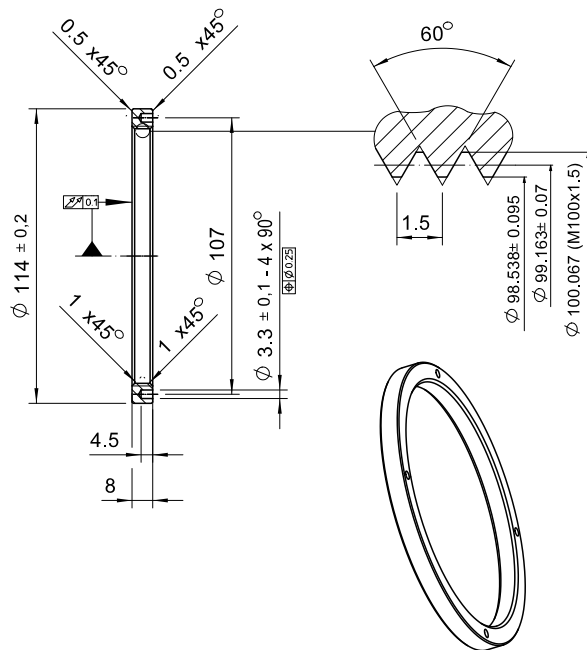
Pa = par de apriete / tightening torque

Opción exclusión de fallo mecánico / Option mechanical fault exclusion

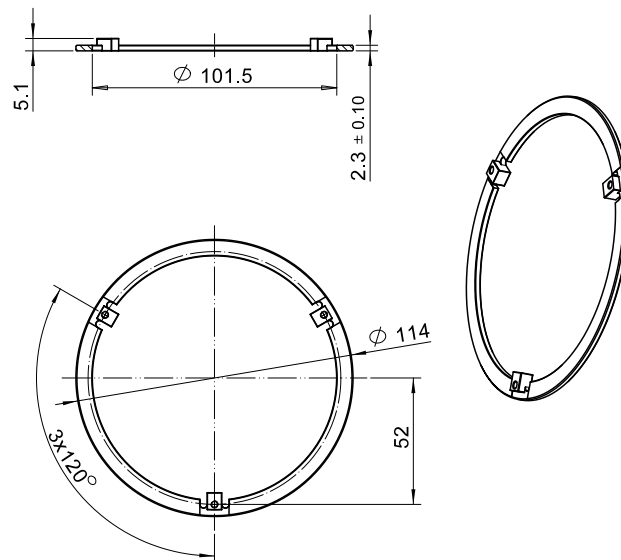




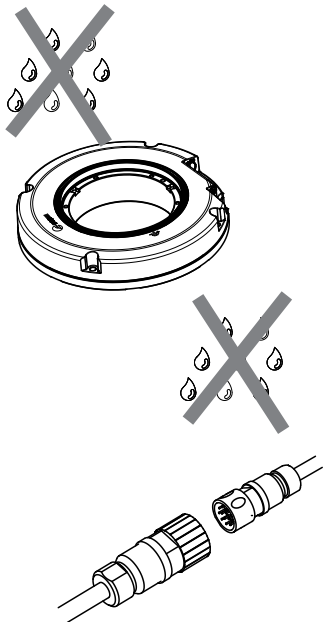
Tuerca T-100
T-100 Nut
Cod. 82620152



Arandela de exclusión de fallo mecánico W-100
W-100 Mechanical fault exclusion washer
Cod. 82620157

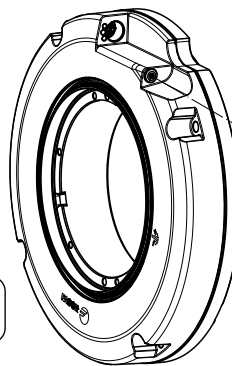
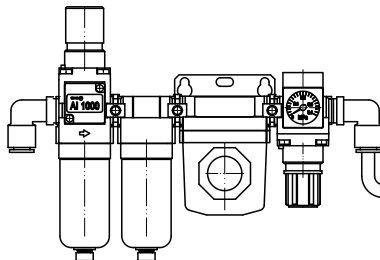


Máximo grado de protección IP 64
Maximum IP Code IP 64



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

Unidades de Filtro de Aire Fagor
Fagor Air Filter Units



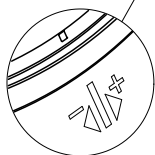
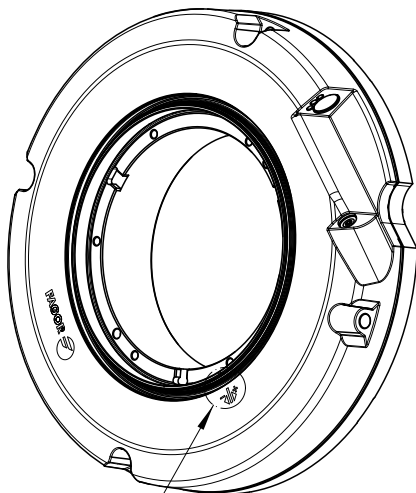
Pa = 1 Nm
SW 8

Cod.: 82620173

Para > IP 64
For > IP 64

1 bar / 14.5 psi / 0.1 MPa
10 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



$\pm 5^\circ$

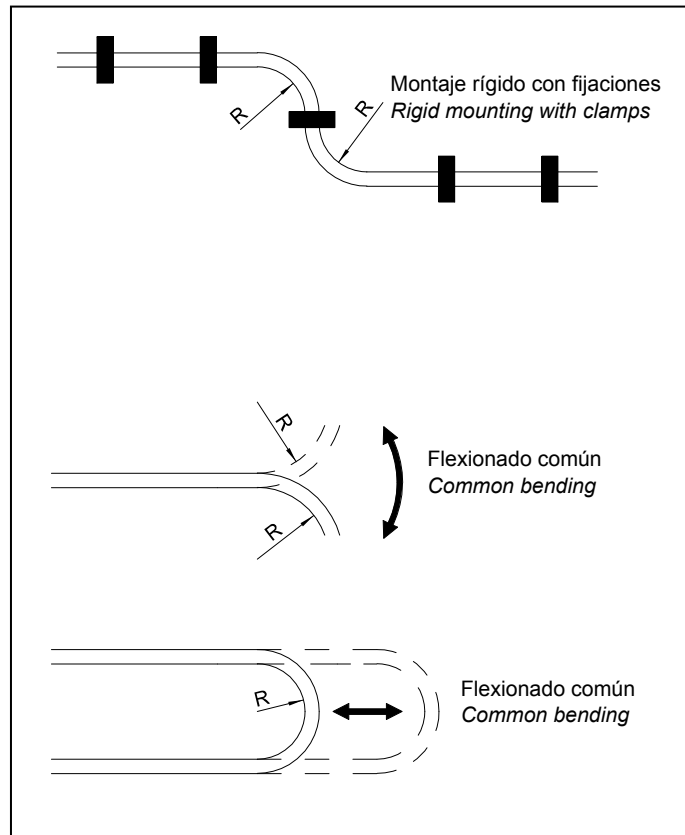
Para instalar el encoder en la posición 0° girar el eje hasta alinear los puntos marcados en el eje y cuerpo.

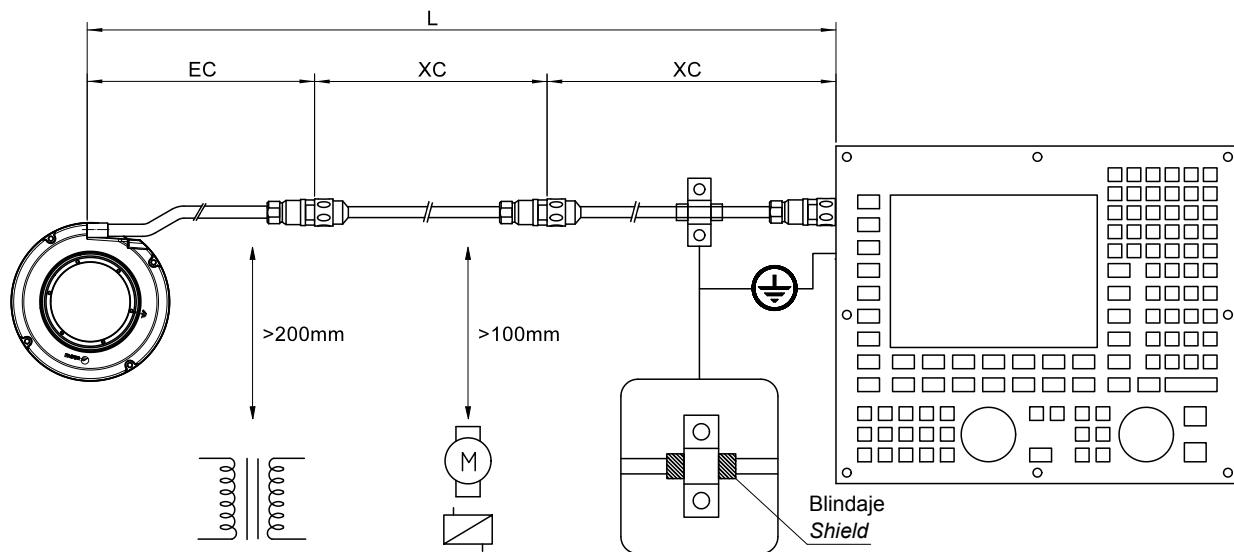
For installing the encoder on the 0° position turn the shaft and align the marks on the shaft and body.

Sentido de conteaje
Counting direction

Características eléctricas / *Electrical characteristics*

H2AF-29-D200i100		
Alimentación / <i>Power supply</i>	5 V (3.6...5.25), 250 mA	
Resolución / Número posiciones por vuelta	α i: 29 bits (536 870 912)	
<i>Resolution / Number of positions per turn</i>	α : 27 bits (134 217 728)	
Longitud del cable / <i>Cable length</i>	30 m / 99 ft	
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 de encoders absolutos Fagor a sistemas Fanuc

Cables for connection of Fagor absolute encoders to Fanuc systems

Conexión directa Cable EC

Direct connection EC cable

EC-PA-FN Longitud / *length* = 1, 3, 6, 9 m

Conexión con alargadera

Connection with extension cable

(4 x 2 x 0.14 mm² + 4 x 0.5 mm²)

Cable EC

Alargadera intermedia opcional XCint
Intermediate extension cable optional XCint

Alargadera XC / *Extension cable XC*

EC-B-C9 Longitud / *length* = 1, 3 m

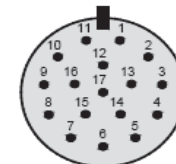
XC-C8-F-C9 Longitud / *length* = 5, 10, 15, 20, 25 m

XC-C8-FN Longitud / *length* = 5, 10, 15, 20, 25 m

EC -...B - C9	Conector circular 17 macho / 17-pin male round connector								
PIN	14	17	8	9	7	1	10	4	Carcasa/Housing
SEÑAL SIGNAL	DATA	/DATA	REQ	/REQ	+5V	+5V sensor	0V	0V sensor	Tierra /Ground
COLOR	Gris <i>Grey</i>	Rosa <i>Pink</i>	Negro <i>Black</i>	Violeta <i>Purple</i>	Marrón <i>Brown</i>	Verde claro <i>Light green</i>	Blanco <i>White</i>	Naranja <i>Orange</i>	Malla/Shield



EC - ...B - C9



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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