



FAGOR AUTOMATION

ENCODER ANGULAR MODELO: H2AP-D200

ANGULAR ENCODER MODEL: H2AP-D200

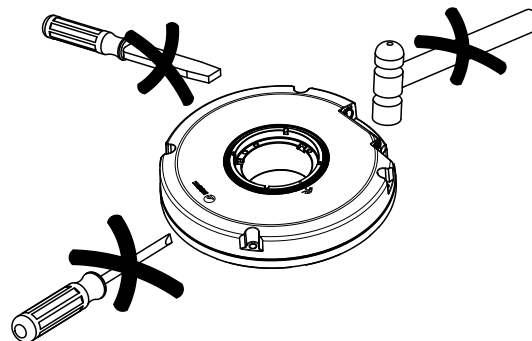
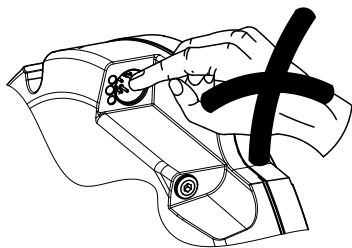
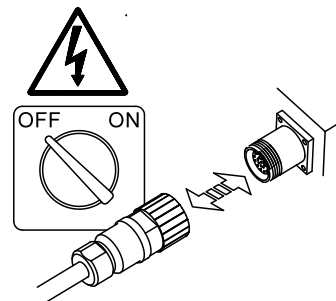
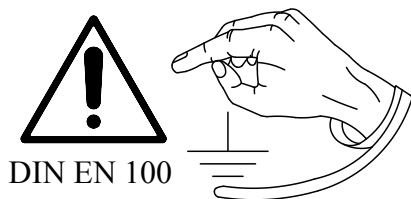
MANUAL DE INSTALACION / *INSTALLATION MANUAL*

Manual Code: 14460237

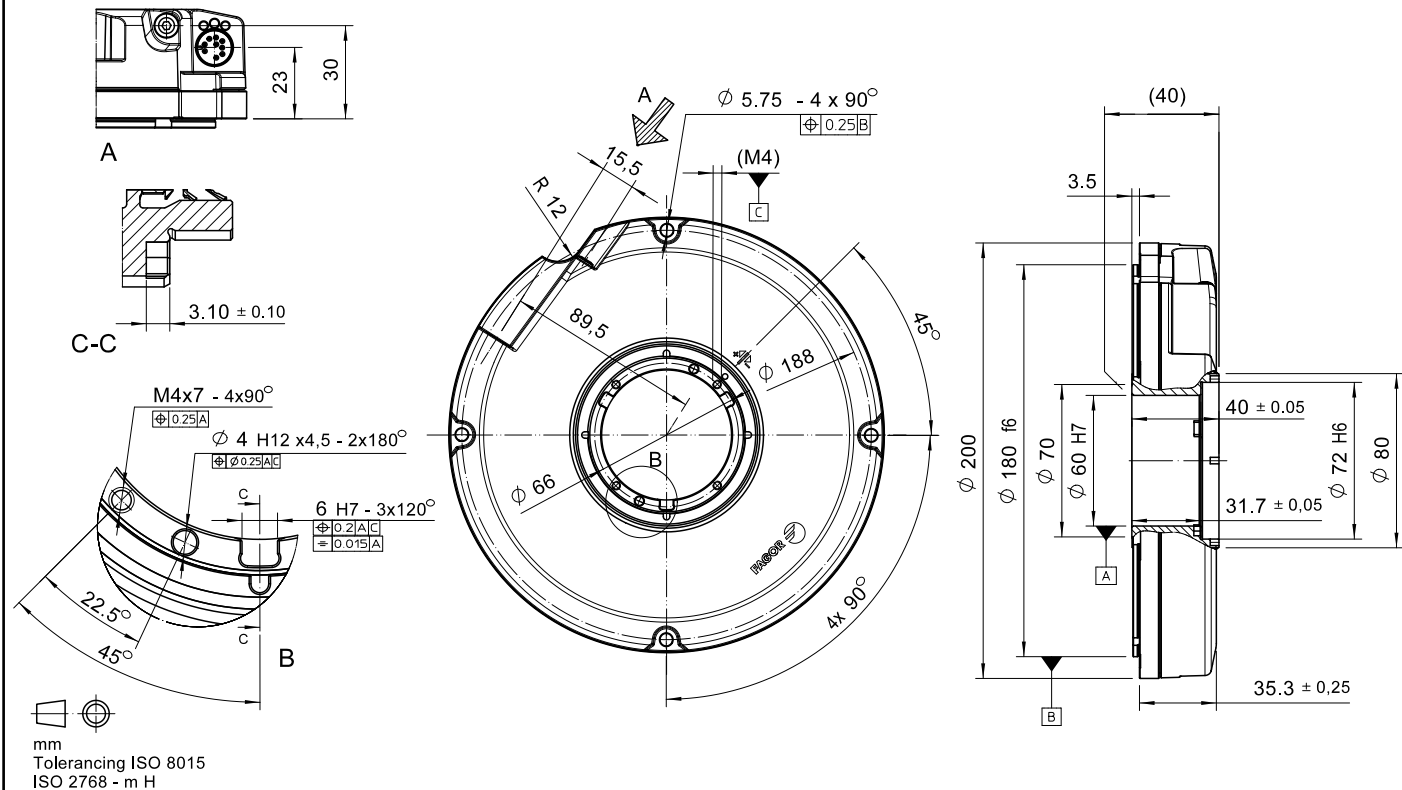
Manual Version: 1909



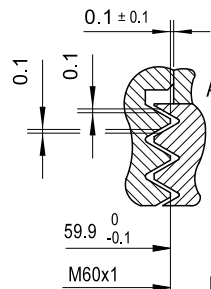
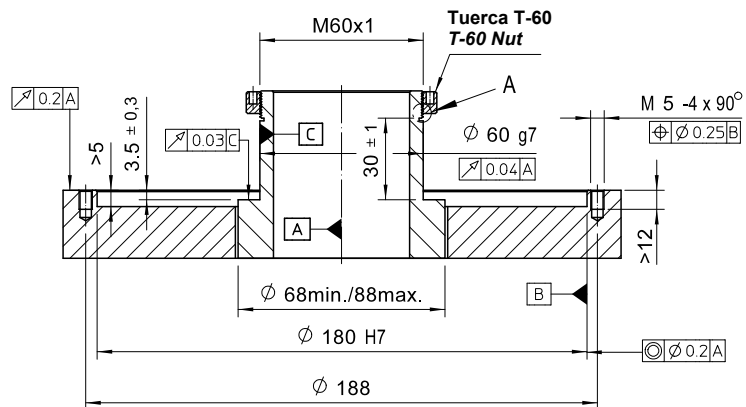
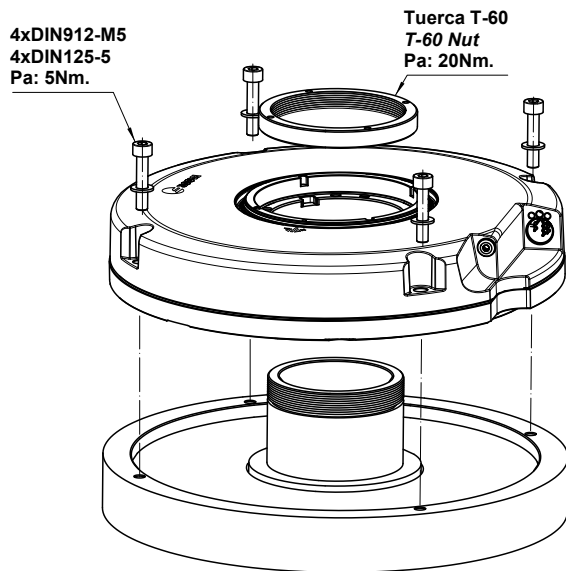
Precaución / Caution



Dimensiones / Dimensions



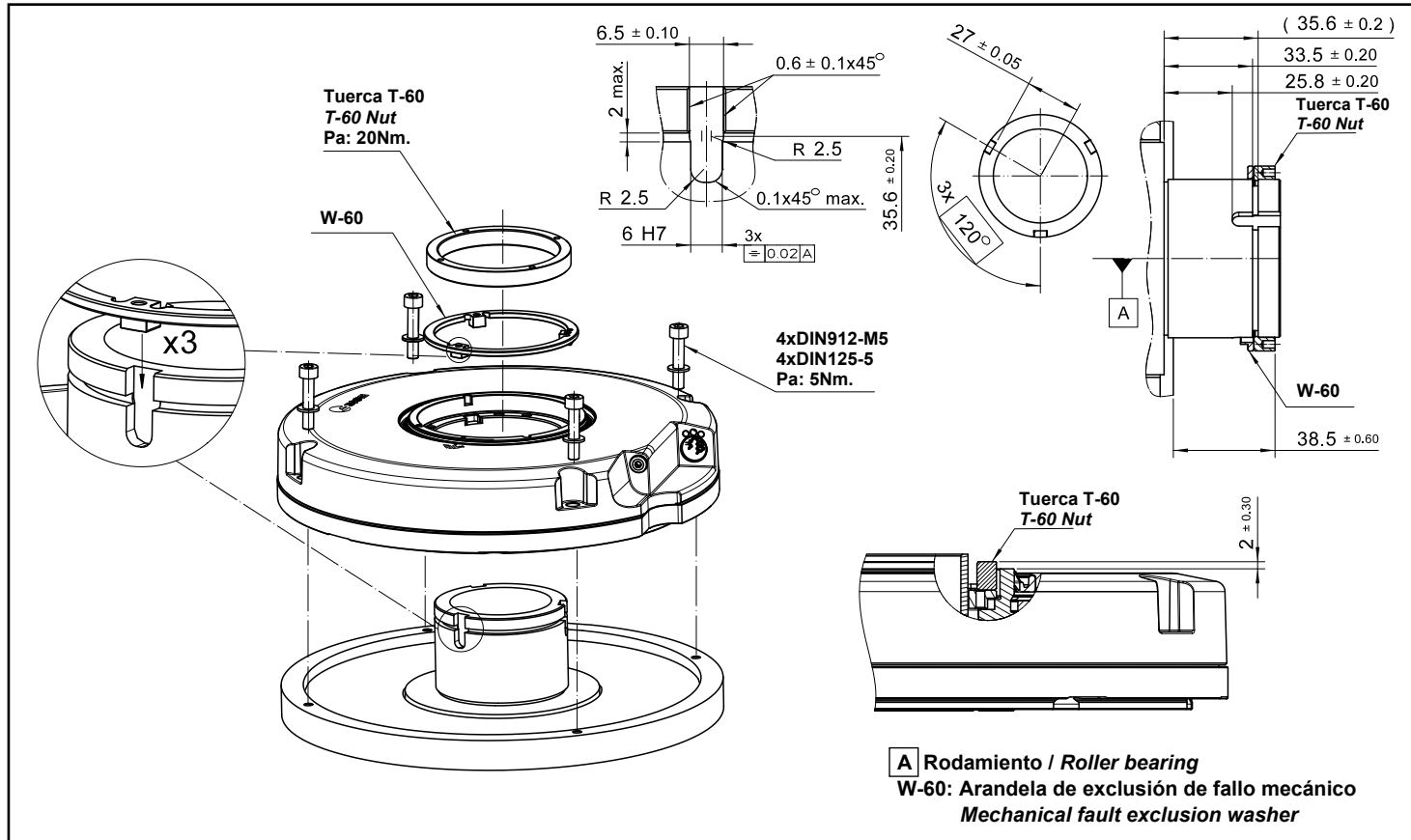
Posibilidades de montaje / Mounting possibilities

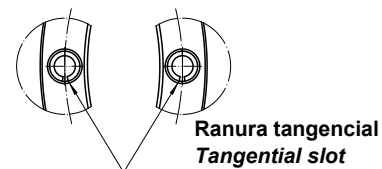
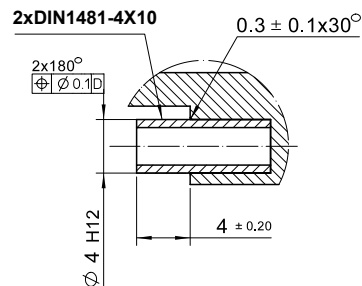
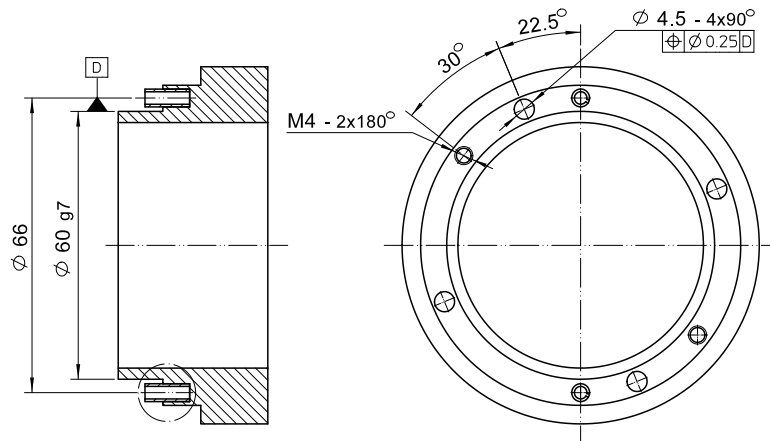
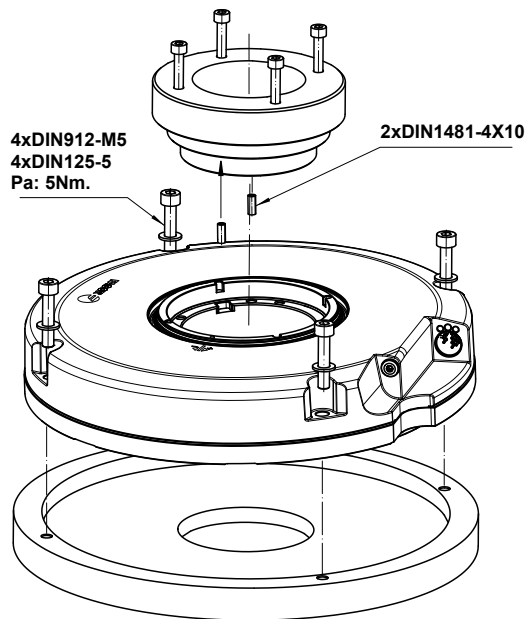


A Rodamiento / Roller bearing

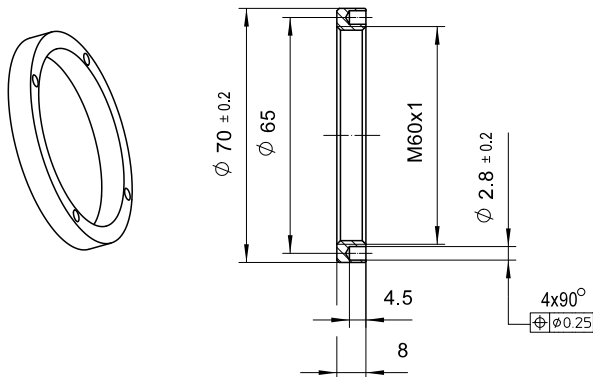
Pa = par de apriete / tightening torque

Opción exclusión de fallo mecánico / Option mechanical fault exclusion

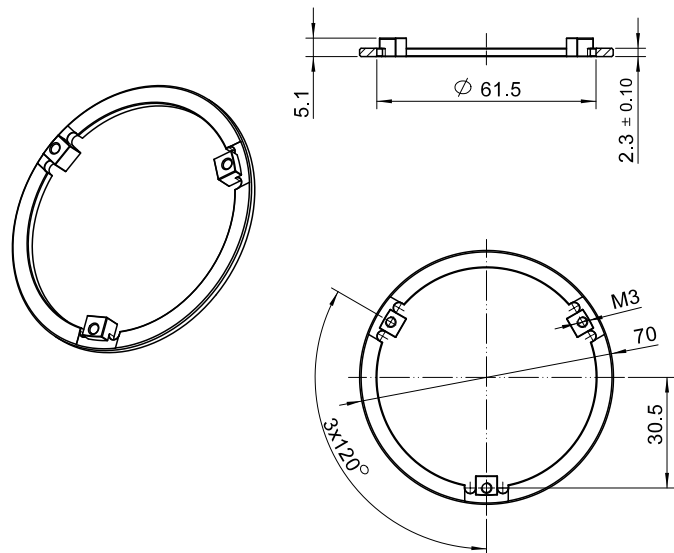




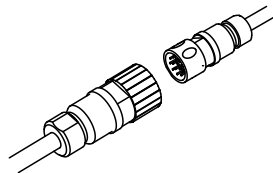
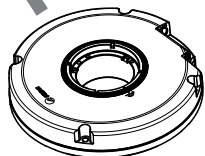
Tuerca T-60 / T-60 Nut
(Cod: 82620151)



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

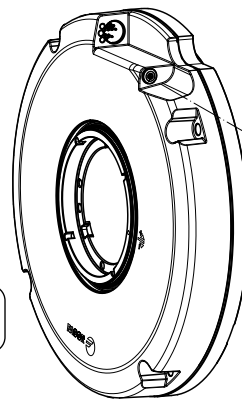
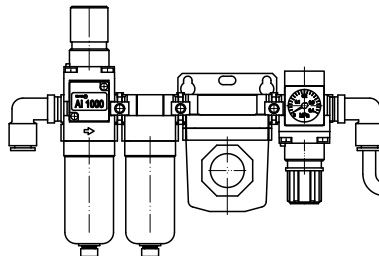


Máximo grado de protección IP 64
Maximum IP Code IP 64



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

Unidades de Filtro de Aire Fagor
Fagor Air Filter Units



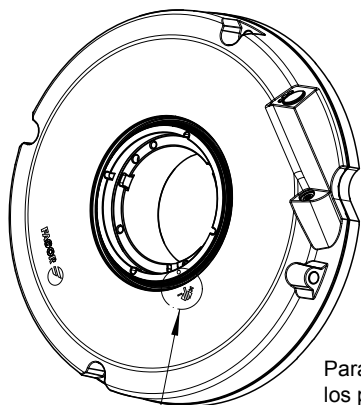
Pa = 1 Nm
SW 8

Cod.: 82620173

Para > IP 64
For > IP 64

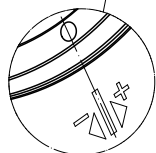
1 bar / 14.5 psi / 0.1 MPa
1-4 l/min
Calidad aire: clase 1.4.1.
Air quality: class 1.4.1.
ISO 8573-1

(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.



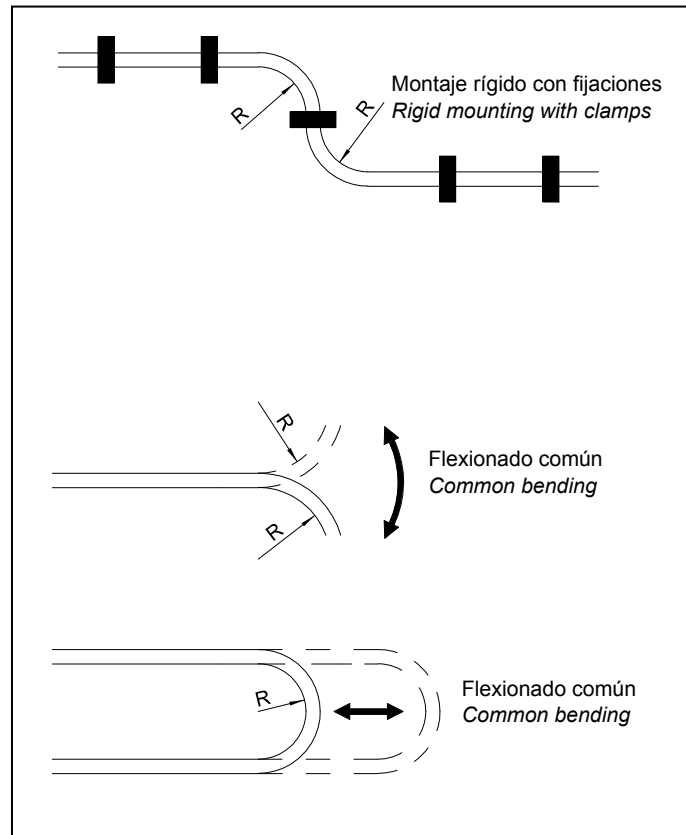
$\pm 5^\circ$

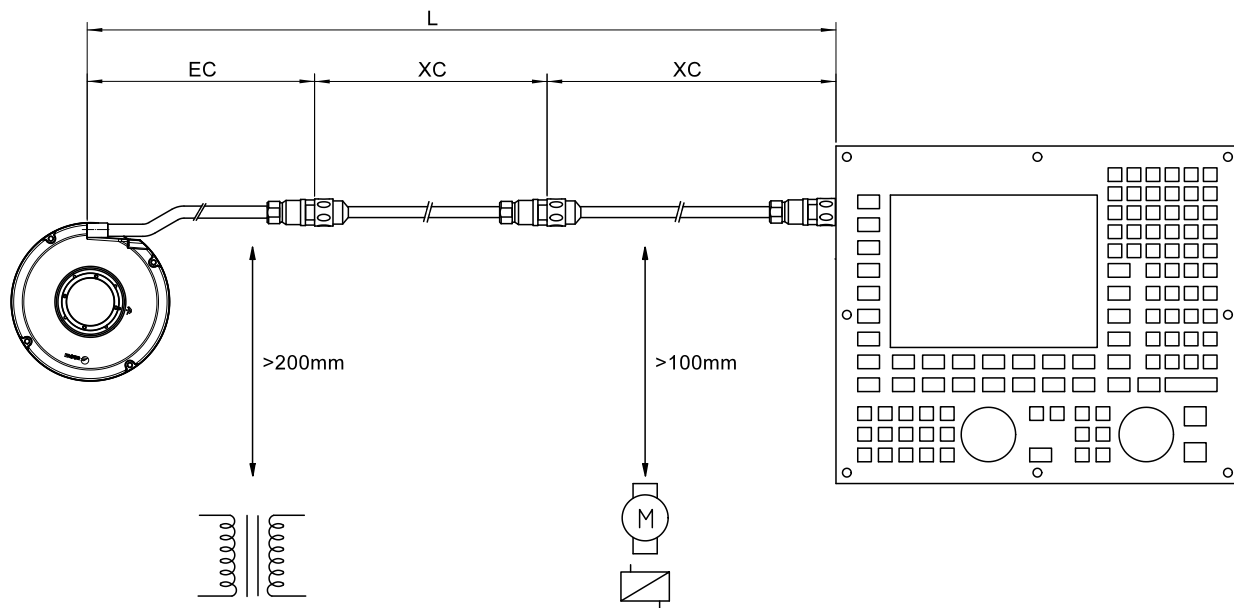
Sentido de contaje
Counting direction

Características eléctricas / *Electrical characteristics*

H2AP-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>	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

(*) También disponible con 23 bits / *23 bits also available*





Cables para conexión de encoders absolutos Fagor a sistemas Panasonic MINAS

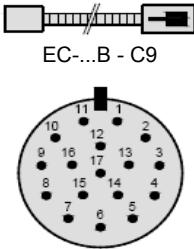
Cables for connection of Fagor absolute encoders to Panasonic MINAS systems

Conexión directa Cable EC
Direct connection EC cable

EC-PA-PN5 Longitud / *length* = 1, 3, 6, 9 m

Conexión con alargadera <i>Connection with extension cable</i>	(5 x 2 x 0.14 mm ²)		
Cable EC	Alargadera intermedia opcional XCint <i>Intermediate extension cable optional XCint</i>	Alargadera XC / <i>Extension cable XC</i>	
EC-B-C9 Longitud / <i>length</i> = 1, 3 m	XC-C8-F-C9 Longitud / <i>length</i> = 5, 10, 15, 20, 25 m	XC-C8-A-PN5 Longitud / <i>length</i> = 5, 10, 15, 20, 25 m	

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



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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