

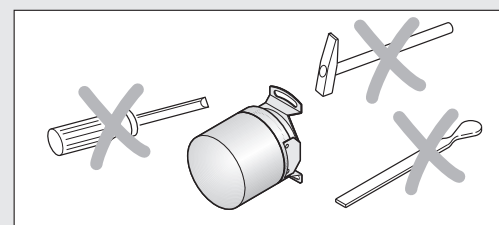
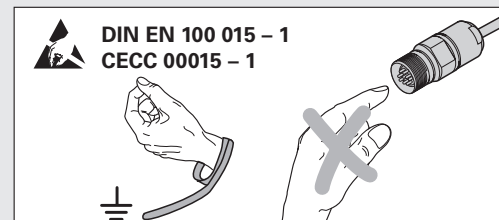
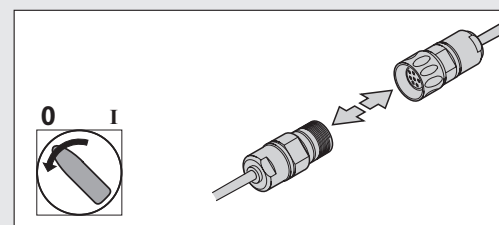
ERN 1020
 0xS12-03
 Id.Nr.
 S.Nr.
HEIDENHAIN
D-83301 Traunreut, Germany

← 03S12-03

02S12-03

12	2	10	11	5	6	8	1	3	4	7	/	9
Up	Sensor U _P	0 V	Sensor 0 V	U_{a1}	U_{a1}	U_{a2}	U_{a2}	U_{a0}	U_{a0}	U_{aS}	/	/
BNGN	BU	WHGN	WH	BN	GN	GY	PK	RD	BK	VT	YE	/

Kabelschirm mit Gehäuse verbunden
Cable shield connected to housing
 Blindage du câble relié au boîtier
Collegare lo schermo del cavo alla carcassa
 Pantalla del cable conectada a carcasa

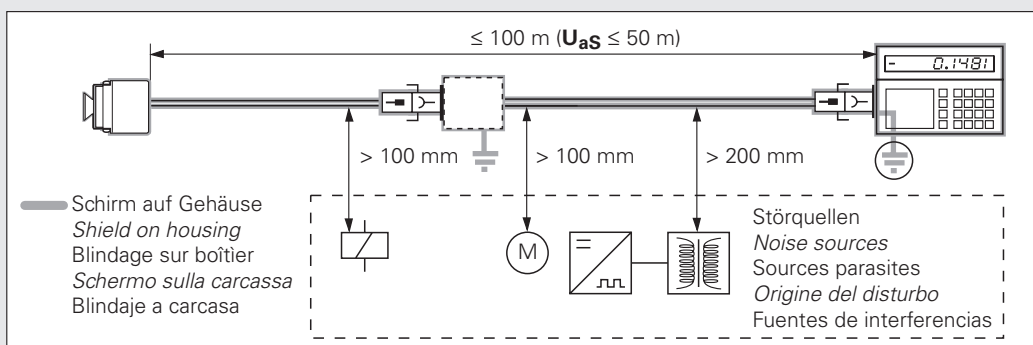


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Montageanleitung
Mounting Instructions
 Instructions de montage
Istruzioni di montaggio
 Instrucciones de montaje

ERN 1020

11/2006



$\varnothing 4.5 \text{ mm}$	$R_1 \geq 10 \text{ mm}$	$R_2 \geq 50 \text{ mm}$
	$R_1 \geq 40 \text{ mm}$	$R_2 \geq 100 \text{ mm}$

°C
(°F)

$T \geq -30 \text{ }^{\circ}\text{C}$
(-22 °F)

$T \geq -10 \text{ }^{\circ}\text{C}$
(14 °F)

-30 ... 80 °C
(-22 ... 176 °F)

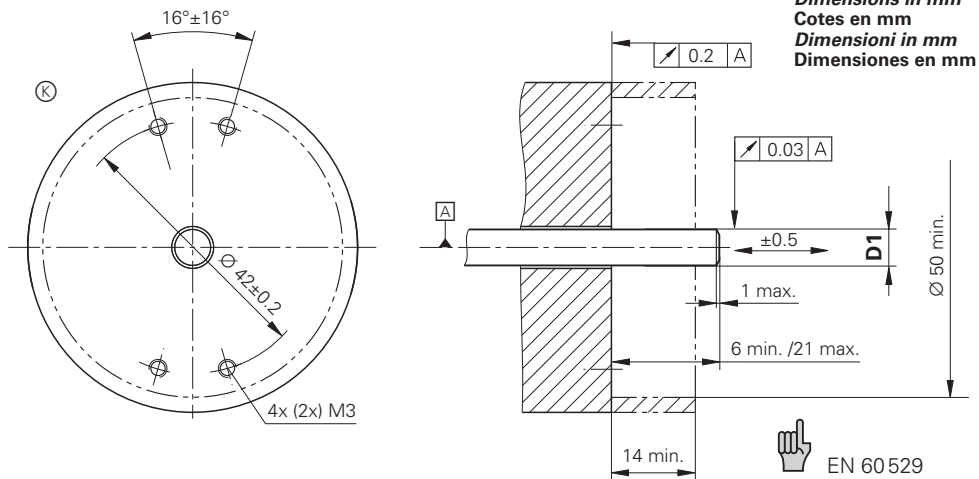
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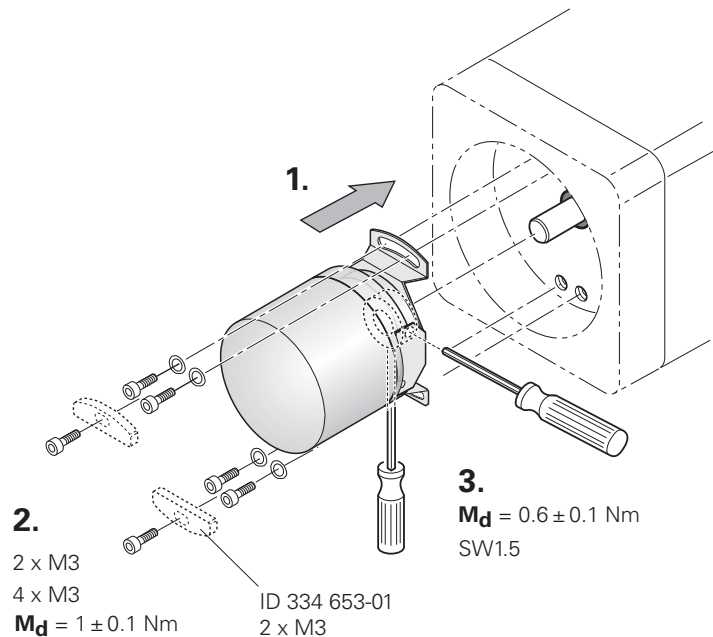
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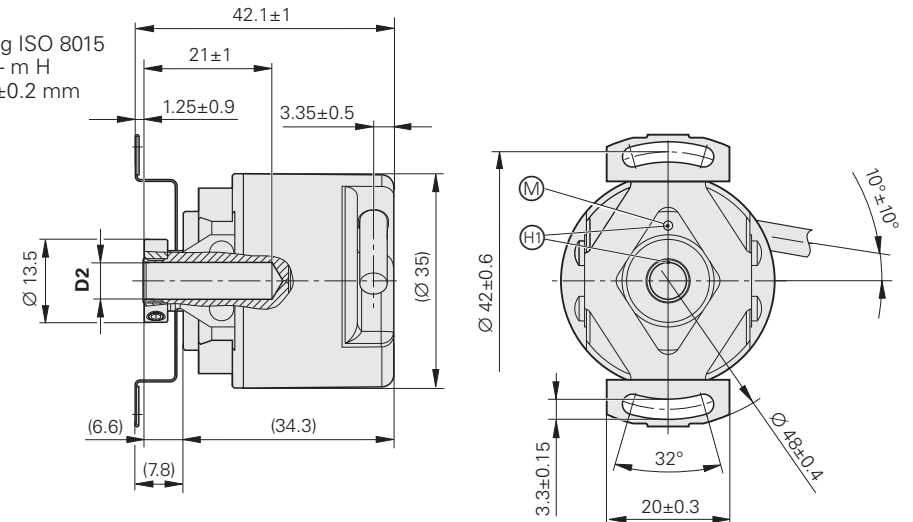
D1		
Ø 4g7	Ⓔ	(-0.004) (-0.016)
Ø 6g7	Ⓔ	(-0.004) (-0.016)
Ø 6.35g7	Ⓔ	(-0.005) (-0.020)

A = Lagerung
Bearing
Roulement
Cuscinetto
Rodamiento

K = Kundenseitige Anschlussmaße
Required mating dimensions
Conditions requises pour le montage
Quote per il montaggio
Cotas de montaje requeridas



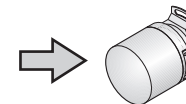
mm
Tolerancing ISO 8015
ISO 2768 - m H
< 6 mm: ±0.2 mm



M = Messpunkt Arbeitstemperatur
Measuring point for operating temperature
Point de mesure température de travail
Punto di misura - temperatura di esercizio
Punto de medición de la temperatura de trabajo

H1 = Lage der Referenzmarke ±20°
Position of the reference mark ±20°
Position marque de référence ±20°
Posizione dell'indice di riferimento ±20°
Posición de la marca de referencia ±20°

U_p = 5 V ± 10 %
(I max. 120 mA)



EN 50 178/4.98; 5.2.9.5
IEC 364-4-41: 1992; 411(PELV/SELV)
(siehe, see, voir, vedi, véase
HEIDENHAIN D 231 929)

U_{aS}: Störungssignal
Fault detection signal
Signal de perturbation
Segnale di malfunzionamento
Señal de avería

U_{aS} = High: ✓

U_{aS} = Low: !

TTL

