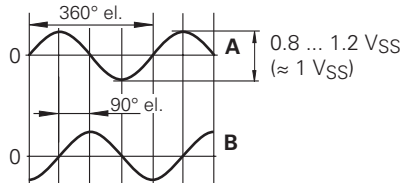
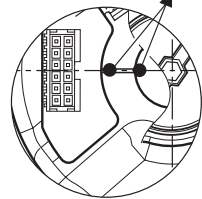


**Up = 5V ± 5%**  
(max. 200 mA)  
am Gerät, at encoder

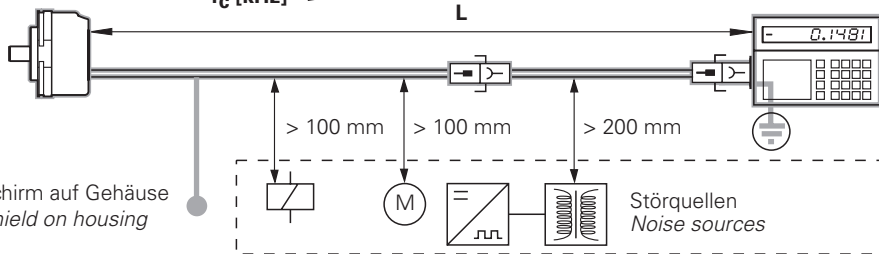
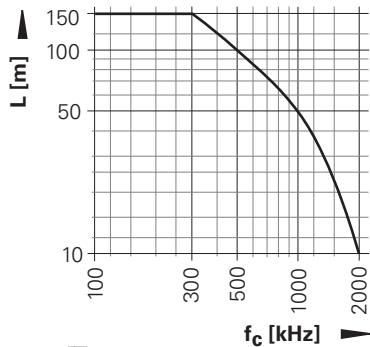
**EN 50 178/4.98; 5.2.9.5**  
IEC 364-4-41: 1992; 411 (PELV/SELV)  
(siehe, see HEIDENHAIN D 231 929)



Nullposition Welle - Kappe  
Zero position for shaft/cap alignment



$$f_c = \frac{1}{T}$$



**Achtung:**  
Die Parameter im Speicherbereich des OEM müssen im Servicefall angeglichen werden.  
**CAUTION:**  
The parameters in the OEM memory area must be adjusted if service becomes necessary.

	 T ≥ -40 °C (-40 °F)	 T ≥ -10 °C (14 °F)
<b>Ø 4.5 mm</b>	R <sub>1</sub> ≥ 18 mm	/
	R <sub>1</sub> ≥ 40 mm	R <sub>2</sub> ≥ 100 mm

 °C (°F)	 -30 ... 80 °C (-22 ... 176 °F)
----------------	---------------------------------------

# HEIDENHAIN

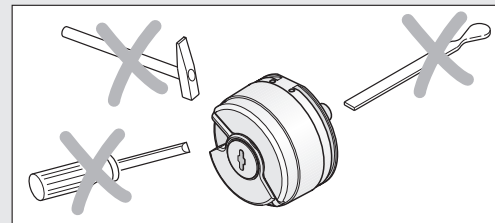
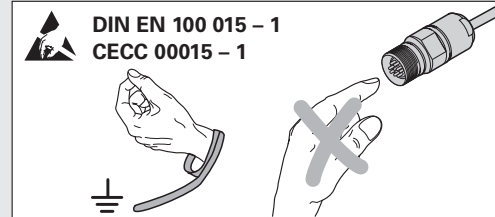
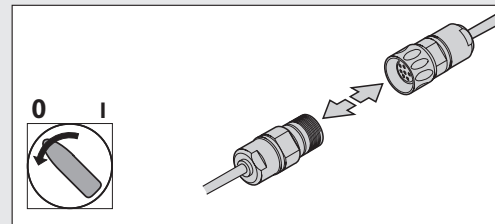
**SALES & SERVICE:**

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13745 Stockton Ave.  
Chino CA 91710  
909-614-4522  
sales@atechauthority.com

**EQN 1325.020**

EnDat01

4/2006



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**www.heidenhain.de**



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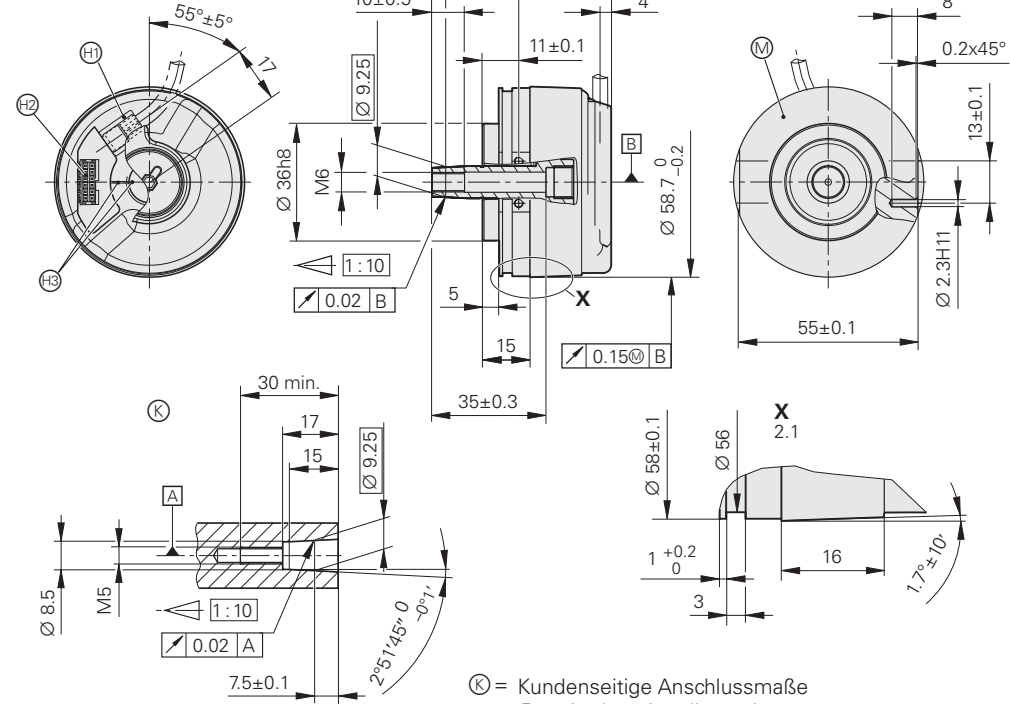


# EQN 1325.020 EnDat01

mm

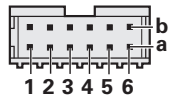


Tolerancing ISO 8015  
ISO 2768 - m H  
< 6 mm: ±0.2 mm



- (K) = Kundenseitige Anschlussmaße  
Required mating dimensions
- (A) = Lagerung Kundenwelle  
Bearings for customer shaft
- (B) = Lagerung Geber  
Bearings for encoder
- (M) = Messpunkt Arbeitstemperatur  
Measuring point for operating temperature
- (H1) = Befestigung für Kabel mit Crimp-Hülse Ø 6+0.3 x10  
Attachment for cable with crimp sleeve Ø 6+0.3 x10
- (H2) = Stiftleiste 12-pol.  
Plug connector, 12-pin
- (H3) = Referenzmarkenlage Welle - Kappe  
Reference mark for shaft/cap alignment

62S12-78



Außenschirm auf Gehäuse  
External shield on housing

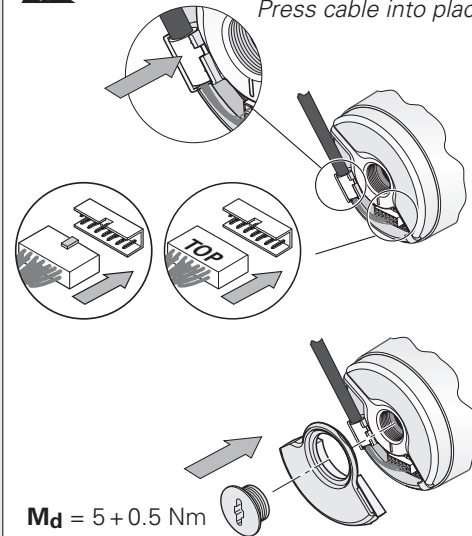
1b	6a	4b	3a	2a	5b	4a	3b	6b	1a	2b	5a
Up	Sensor UP	0V	Sensor 0V	A+	A-	B+	B-	DATA	DATA	CLOCK	CLOCK

Die Sensorleitung ist intern mit der Versorgungsleitung verbunden.  
The sensor line is connected internally with the power supply.

## Elektrischen Anschluss herstellen Electrical connection

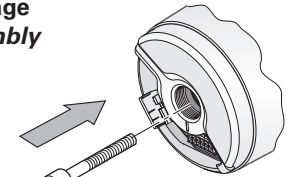


Kabel eindrücken  
Press cable into place



Md = 5 + 0.5 Nm

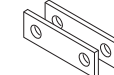
## Montage Assembly



M5x50 DIN 6912 8.8  
SW4  
Md = 5 + 0.5 Nm

## Montagesatz im Lieferumfang Mounting kit included

Zwischenplatte  
Spacer



M5x50 DIN 6912 8.8



2.5x8 DIN 7500-CE A2

## Zwei Möglichkeiten zum Abdrücken während der Demontage des Drehgebers Two ways of pressing the encoder out during dismantling

