

Absolutdrehgeber

CEV65M\*4096/4096 PBS (ALT:110-02118) DAG

OrderNo.:CEV65M-02118

12.2.2016 / 010102006502020201

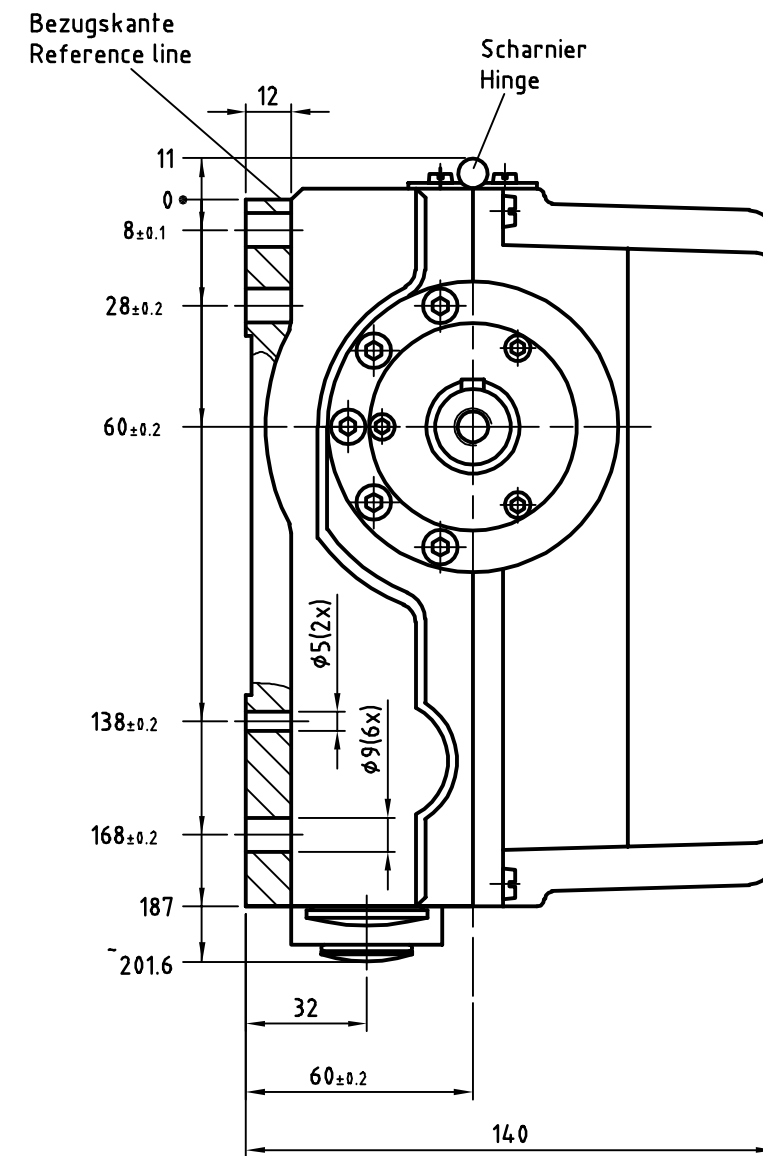
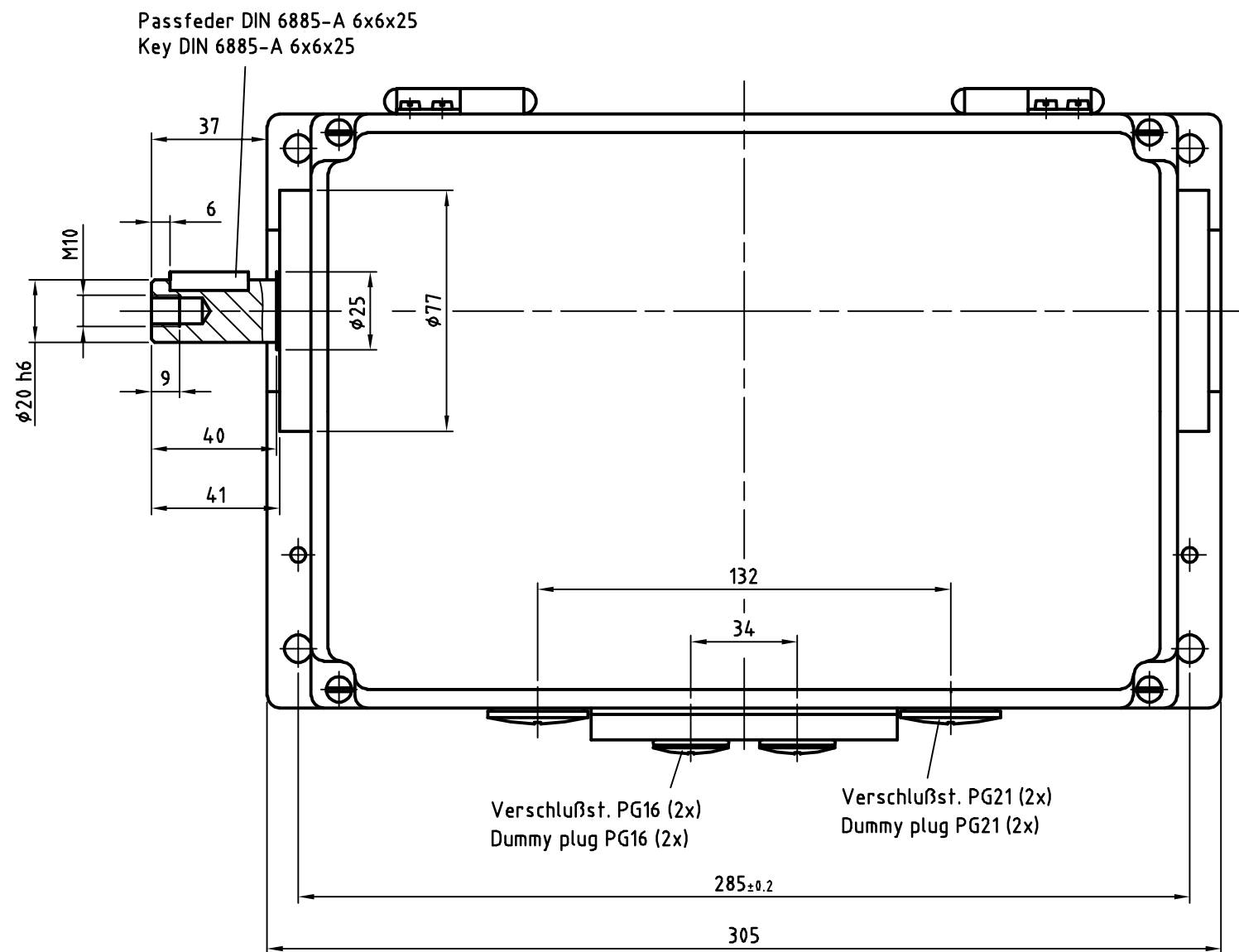
## Technical data

NO.OF STEPS/REV	4.096,000
NO. OF REVOLUTIONS	4.096,000
INTERFACE	PROFIBUS DP
CODE	PROGRAMABLE
SUPPLY VOLTAGE	11-27V
OUTPUT LEVEL	RS485
PROTECTION Class	IP65
TEMPERATURE RANGE	-45+70°C
FLANGE TYPE	DAG
SHAFT TYPE	20KEYWAY/40
CONNECTOR TYPE	3XPG9
CONNECTOR TYPE	TERMINAL STRIP FOR HEATER
CONNECTOR-POSITION	PG RADIAL
PINOUT NO.	TR-ECE-TI-GB-0017
MATING PLUG	NO
OPTIONS ENC	12MBAUD
OPTIONS ENC	2X PG11 LOSE BEIGELEGT !!!
OPTIONS ENC	DAG HOUSING
OPTIONS ENC	HEIZUNG 24V/55WATT
OPTIONS ENC	PNO-PROFILE CLASS.2
DRAWING NO.	04-CEV65M-M0140
VERSIONNO	000
FIRMWARE NO	4376AA


<b>GL</b>	Wellenausführung glatt / shaft type cylindrical
<b>FL</b>	Wellenausführung mit Fläche / shaft type with flat surface
<b>N</b>	Wellenausführung mit Nut / shaft type with slot
<b>Hohlw</b>	Hohlwelle / hollow shaft
<b>Klemme</b>	mit Klemmring / with clamping ring
<b>Grundw</b>	Grundwelle / fundamental shaft
<b>SLG</b>	Seillängegeber / cable retractor
<b>ZB</b>	Zentrierbund / centre ring
<b>Tachofl</b>	Tachoflansch / tachometer flange
<b>DAG</b>	DAG-Schutzgehäuse / DAG protective housing
<b>TK</b>	Teilkreis / pitch circle

Subject to change.

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Artikel-Nr. und Steckerbelegung: siehe Datenblatt  
 Article-No. and pin connections: see data sheet

 TR Electronic GmbH Eglisshalde 6 78647 Trossingen Telefon 07425/228-0			Maßstab 1:2 DIN A3	Projekt-Nr.:
			Zeichnungs-Nr. nur für diese Ausführung gültig Drawing-No. only for this type valid	
		Datum	Name	
		Erstellt 28.01.2006	Habetler	
		Bearb. 28.01.2006	HABETLER	
		Gepr.		
		Norm		
		www.tr-electronic.de		Blatt 1
		DXF+Info: info@tr-electronic.de		
		Zeichnungs-NR./Drawing-No.:		Bl 1
		04-CEV65M-M0140		
Zust.	Änderung	Datum	Name	

Ø20	h6	<sup>0</sup> <sub>-0.13</sub>	<sup>28</sup> <sub>19.987</sub>
Dimensions	Tolerances		

**Connector pin assignment CE-65 Profibus Encoder with PNO-Profile Class 2**

**General note:**

If the encoder is the last station in the profibus line, the DIP switches *S3* and *S4* for the profibus terminator (switching-on of the terminal resistance) must be switched on. Otherwise they must be switched off.

The profibus also works when the encoder is removed. Is the encoder the last station in the profibus line, the reference potential of the terminator resistances is missing!

In order to enable a separate wiring of incoming and outgoing signals the profibus terminals and the terminals for the supply voltage have two connection possibilities.

Bus-cables, recommended by Siemens, should be used.

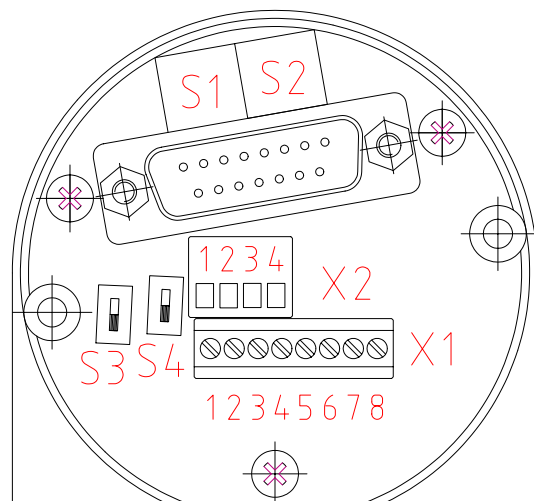
With the BCD address switches *S1* ( $10^1$ ) and *S2* ( $10^0$ ) the station address for the profibus is set from 3 to 99.

**Explanation of terms:**

CE65:	Compact Encoder with $\varnothing$ 65 mm
MINI-COMBICON:	Connector Phoenix MINI-COMBICON 8A/125V, grid 3.5 mm
US:	Supply voltage
US-input:	1-level > +8V, 0-level < +2V, up to $\pm$ 35V, 5 kOhm

**X1 - MINI-COMBICON 8-pole**

Pin 1	US-Power Supply
Pin 2	0V-Ground
Pin 3	Profibus DataB
Pin 4	Profibus DataA
Pin 5	Profibus DataA
Pin 6	Profibus DataB
Pin 7	0V-Ground
Pin 8	US-Power Supply



**X2 - MINI-COMBICON 4-pole**

Pin 1	Profibus P5V2
Pin 2	Profibus M5V2
Pin 3	US-input for Preset 1
Pin 4	US-input for Preset 2