

## Absolute rotary Encoder

# CEV582M\*4096/4096 SSI 36ZB65D10FL

OrderNo.:CEV582M-00362

19.5.2023 / 010102058202010201

### Technical data

NO.OF STEPS/REV	4.096,000
NO. OF REVOLUTIONS	4.096,000
PARAMETERIZABLE	VIA TRWINPROG
INTERFACE	SSI
CODE	GRAY
SUPPLY VOLTAGE	10-30V
PROTECTION Class	IP65
OPERATING TEMPERATURE	-20°C... +75°C
FLANGE TYPE	ZB36/D65
SHAFT EXECUTION	(V) Solid shaft
SHAFT TYPE	D10 L19,5 D-CUT
CONNECTOR TYPE	1x M23 12-PIN 0°-CODE MALE CCW
CONNECTOR-POSITION	RADIAL
PINOUT NO.	ST2835B
OPTIONS ENC	F/R LOW-ACTIVE
OPTIONS ENC	PRESET 1
OPTIONS ENC	PRESET 1: 1000
OPTIONS ENC	SSI DATA BITS: 24
OPTIONS ENC	SSI MONO TIME: 20µs
DRAWING NO.	04-CEV582M-M0288
FIRMWARE NO	437582
AL:	N
ECCN:	N
MTTFd [y] (T=45°C, DC=0) >=	200
UL-APPROVALS	USA+CANADA

<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>	Seillängengeber / 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.

## Pin assignment

Pin assignment number: 2835

Index: B

13.01.2021

Connector name: M23 12-pol

Pin-count: 12

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Pin	Designation	Description	Colour
1	Ground IN	Ground	-
2	SSI_DATA+_OUT	Data output +	-
3	SSI_Clock+_IN	Clock input +	-
4	not connected		-
5	Direction IN	Counting direction increasing	-
6	Ser.Program+_IN/OUT	Ser. programming interface RS485	-
7	Ser.Program-_IN/OUT	Ser. programming interface RS485	-
8	Supply Voltage IN	Supply voltage	-
9	Preset1_IN	Preset value 1	-
10	SSI_DATA-_OUT	Data output -	-
11	SSI_Clock-_IN	Clock input -	-
12	not connected		-

### WARNING

'De-energize the system before carrying out wiring work or opening and closing electrical connections !

Short-circuits, voltage peaks, etc. can cause operating failures and uncontrolled operating states, as well as serious personal injuries and damage to property.

Verdrahtungsarbeiten, Öffnen und Schließen von elektrischen Verbindungen nur im spannungslosen Zustand durchführen ! Kurzschlüsse, Spannungsspitzen etc. können zur Fehlfunktion und unkontrollierten Zuständen der Anlage bzw. zu erheblichen Personen- und Sachschäden führen.