

Absolute rotary Encoder

CEV582M*4096/4096 SSI (ALT:CEV65M-10206)

OrderNo.:CEV582M-70206

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	AXIAL
CONNECTOR-POSITION	MATING PLUG 90°
PINOUT NO.	ST185E
OPTIONS ENC	F/R HIGH-ACTIVE
OPTIONS ENC	PRESET 1+2
OPTIONS ENC	SSI DATA BITS: 24
OPTIONS ENC	SSI MONO TIME: 20µs
DRAWING NO.	04-CEV582M-M0073
FIRMWARE NO	437582
AL:	N
ECCN:	N
MTTFd [y] (T=45°C, DC=0) >=	200
UL-APPROVALS	USA+CANADA

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

Subject to change.

Pin assignment

Pin assignment number: 185

Index: E

20.01.2021

Connector name: M23 12-pol

Pin-count: 12

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Pin	Designation	Description	Colour
1	SSI_Clock-_IN	Clock input -	-
2	SSI_Clock+_IN	Clock input +	-
3	SSI_DATA+_OUT	Data output +	-
4	SSI_DATA-_OUT	Data output -	-
5	Ser.Program+_IN/OUT	Ser. programming interface RS485	-
6	Ser.Program-_IN/OUT	Ser. programming interface RS485	-
7	not connected		-
8	Direction IN	Change of counting direction	-
9	Preset1_IN	Preset value 1	-
10	Preset2_IN	Preset value 2	-
11	Supply Voltage IN	Supply voltage	-
12	Ground IN	Ground	-

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.