

Absolute rotary Encoder

CS58M*4096/4096 SSI (NEU:CES582M-00172)

OrderNo.:5822-00024

15.5.2023 / 010102005802010203

Technical data

NO.OF STEPS/REV	4.096,000
NO. OF REVOLUTIONS	4.096,000
INTERFACE	SSI
CODE	PROGRAMABLE
SUPPLY VOLTAGE	11-27V
OUTPUT LEVEL	RS422
PROTECTION Class	IP65
OPERATING TEMPERATURE	0-60°C
SHAFT TYPE	12H7 BLIND SHAFT
CONNECTOR TYPE	CONTACT 12P
CONNECTOR-POSITION	CONNECTOR RADIAL ON HOUSING
PINOUT NO.	ST3311
MATING PLUG	YES
OPTIONS ENC	F/R
OPTIONS ENC	FIXING SCREW AXIAL M4
OPTIONS ENC	FLANSCHRING STIFT/NUT,3XM4
OPTIONS ENC	PRESET 1
OPTIONS ENC	PROGRAMMABLE
OPTIONS ENC	V/R, SCHUTZ B STEIGEND
DRAWING NO.	04-5822-M0015
VERSIONNO	158
FIRMWARE NO	437860
AL:	N
ECCN:	N

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: 3311

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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	Ser.Program+_IN/OUT	Ser. programming interface RS485	-
6	Ser.Program-_IN/OUT	Ser. programming interface RS485	-
7	not connected		-
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	Direction IN	Change of counting direction	-

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.