

Absolute rotary Encoder

HE65S*512/1 SSI 50ZB12GL

OrderNo.:206-00393

6.1.2020 / 010102006502010101

Technical data

NO.OF STEPS/REV	512,000
NO. OF REVOLUTIONS	1,000
INTERFACE	SSI
CODE	GRAY
SUPPLY VOLTAGE	11-27V
OUTPUT LEVEL	RS422
PROTECTION Class	IP65
TEMPERATURE RANGE	0-60°C
FLANGE TYPE	ZB50
SHAFT TYPE	12RD/22
CONNECTOR TYPE	CONTACT 12P
CONNECTOR-POSITION	90° ANGLED
PINOUT NO.	ST2811B
MATING PLUG	YES
OPTIONS ENC	21 DATENBITS TANNENBAUM
OPTIONS ENC	CH1+CH2+NEG
OPTIONS ENC	CH2 LEADS CH1
OPTIONS ENC	F/R
OPTIONS ENC	INKR.SPUREN= 1024 IMP (11-27V)
DRAWING NO.	04-300-400
VERSIONNO	158
PARAMETER FILE	20600393
FIRMWARE NO	437860
DOCUMENTATION NO	DOKUMENTE

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.

TR-Electronic GmbH
 Eglisshalde 6
 78647 Trossingen
 Tel. +49 (0) 7425 228-0
 info@tr-electronic.de
www.tr-electronic.de

Pin assignment

Pin assignment number: 2811

Index: B

27.01.2014

Connector name: 12-pol CONTACT

Pin-count: 12

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Pin	Designation	Description	Level	Driver	NC	Colour
1	SSI_Clock-_IN	Clock input -	RS 422	RS 422		white
2	SSI_Clock+_IN	Clock input +	RS 422	RS 422		brown
3	SSI_DATA+_OUT	Data output +	RS 422	RS 422		green
4	SSI_DATA-_OUT	Data output -	RS 422	RS 422		yellow
5	CH_A_OUT	Channel A	11-27V	Push Pull		gray
6	/CH_A_OUT	Channel A inverted	11-27V	Push Pull		pink
7	not connected					
8	Direction IN	Change of counting direction	Supply Voltage		0	red
9	CH_B_OUT	Channel B	11-27V	Push Pull		black
10	/CH_B_OUT	Channel B inverted	11-27V	Push Pull		violet
11	Supply Voltage IN	Supply voltage	11-27V			gray/pink
12	Ground IN	Ground	0V			red/blue

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.