

## Absolute rotary Encoder

# HE65S\*4096/1 V058 PUSH PULL 36ZB10FL

OrderNo.:206-00010

14.1.2020 / 010102006502010101

### Technical data

NO.OF STEPS/REV	4.096,000
NO. OF REVOLUTIONS	1,000
INTERFACE	PARALLEL PUSH PULL
CODE	GRAY
SUPPLY VOLTAGE	11-27V
OUTPUT LEVEL	11-27V
PROTECTION Class	IP54
TEMPERATURE RANGE	0-60°C
FLANGE TYPE	ZB36
SHAFT TYPE	10FL/19,5
CONNECTOR TYPE	SUBD 25P
CONNECTOR-POSITION	AXIAL
cable length (m)	
PINOUT NO.	ST170B
MATING PLUG	YES
OPTIONS ENC	F/R
DRAWING NO.	04-300-062
VERSIONNO	058
PARAMETER FILE	
FIRMWARE NO	4376AD
DOCUMENTATION NO	DOKUMENTE

<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: 170

Index: B

27.01.2014

Connector name: 25-pol SUB-D

Pin-count: 25

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Pin	Designation	Description	Level	Driver	NC	Colour
1	O_D0	Data output				white
2	O_D1	Data output				brown
3	O_D2	Data output				green
4	O_D3	Data output				yellow
5	O_D4	Data output				gray
6	O_D5	Data output				pink
7	O_D6	Data output				blue
8	O_D7	Data output				red
9	O_D8	Data output				black
10	O_D9	Data output				violet
11	O_D10	Data output				gray/pink
12	O_D11	Data output				red/blue
13	not connected					
14	not connected					
15	not connected					
16	not connected					
17	not connected					
18	not connected					
19	not connected					
20	not connected					
21	Direction IN	Change of counting direction	Supply Voltage		0	white/blue
22	not connected					
23	not connected					
24	Supply Voltage IN	Supply voltage	11-27V			brown/red
25	Ground IN	Ground	0V			white/black

### 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.