

Absolute rotary Encoder

CEV65M*4096/4096 PAR_PP 36ZB10FL

OrderNo.:CEV65M-10912

6.11.2019 / 010102006502010201

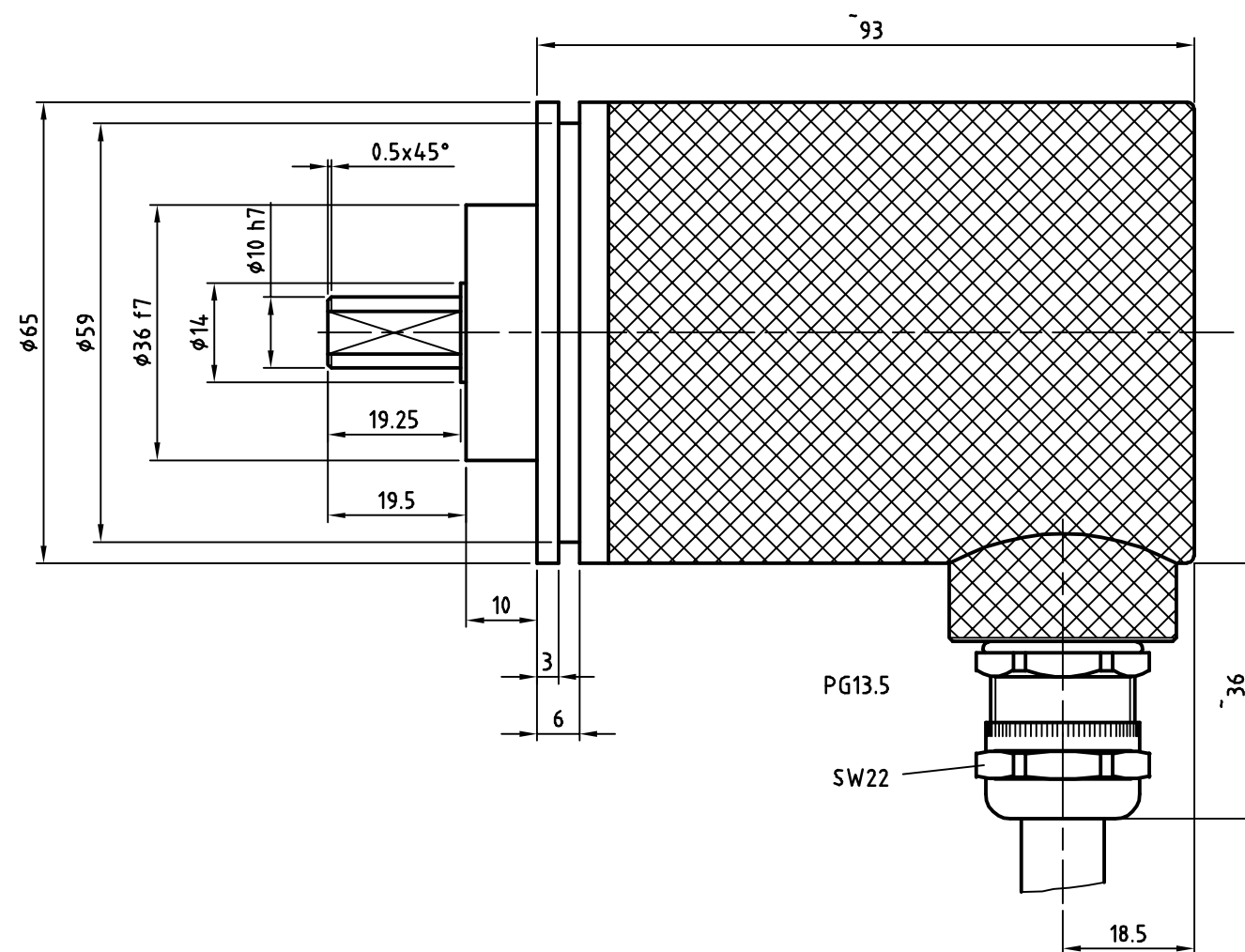
Technical data

NO.OF STEPS/REV	4.096,000
NO. OF REVOLUTIONS	4.096,000
PROGRAMMABLE	PROG.
INTERFACE	PARALLEL PUSH PULL
CODE	PROGRAMMABLE
SUPPLY VOLTAGE	11-27V
OUTPUT LEVEL	11-27V
PROTECTION Class	IP65
TEMPERATURE RANGE	-20+70°C
FLANGE TYPE	ZB36
SHAFT TYPE	10FL/19,5
CONNECTOR TYPE	SUBD 37P
CONNECTOR-POSITION	PG RADIAL
cable length (m)	0,500 M
PINOUT NO.	ST270B
MATING PLUG	YES
OPTIONS ENC	F/R
OPTIONS ENC	LATCH
OPTIONS ENC	PRESET 1+2
OPTIONS ENC	PROGRAMMABLE
DRAWING NO.	04-CEV65M-M0264
VERSIONNO	158
PARAMETER FILE	CE833-265
FIRMWARE NO	437865
DOCUMENTATION NO	DOKUMENTE

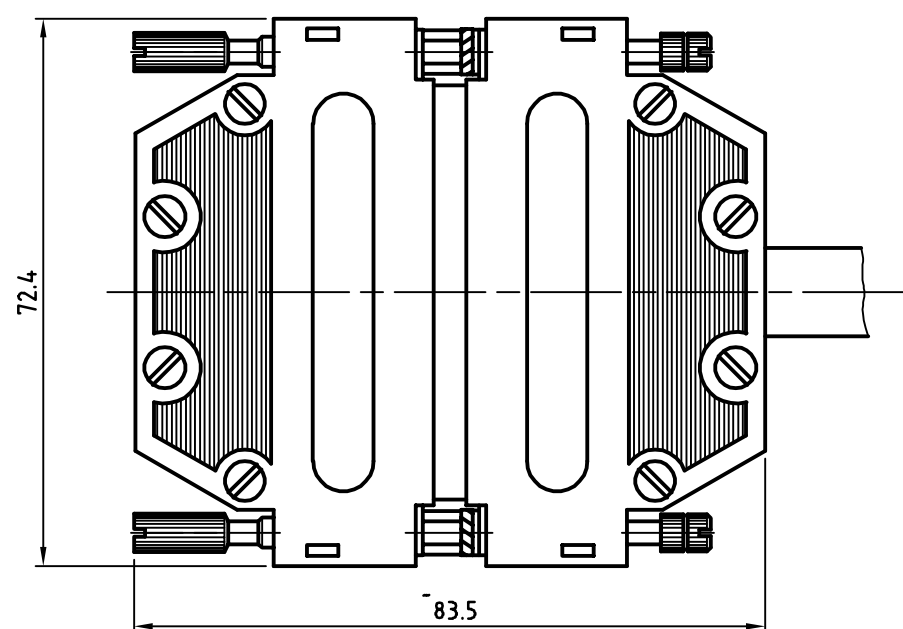
GL	Wellenausführung glatt / shaft type cylindrical
FL	Wellenausführung mit Fläche / shaft type with flat surface
N	Wellenausführung mit Nut / shaft type with slot
Hohlw	Hohlwelle / hollow shaft
Klemme	mit Klemmring / with clamping ring
Grundw	Grundwelle / fundamental shaft
SLG	Seillängengeber / cable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

Subject to change.

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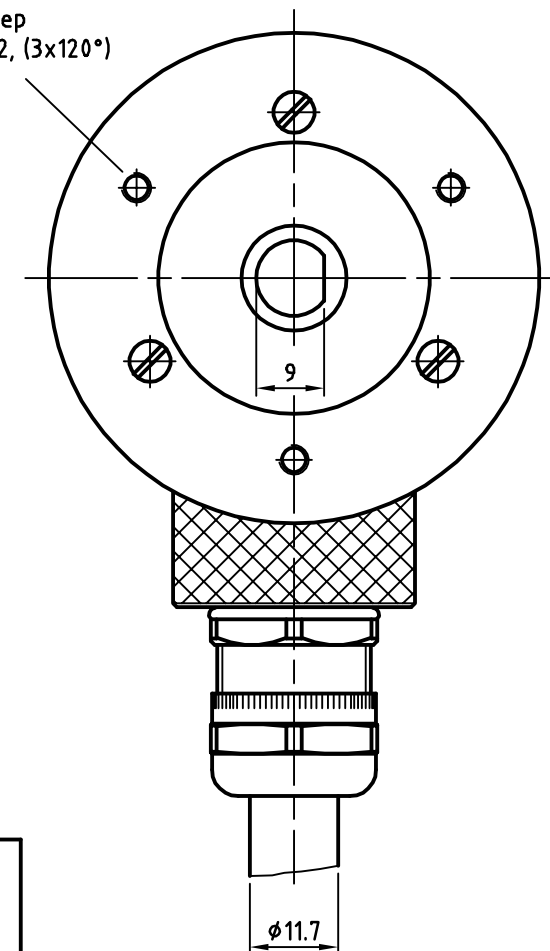
37pol. Sub.D.-Stecker
37pin. Sub.D.-connector



Steckerbreite: 14.3mm
width of connector: 14.3mm

$\phi 36$	f7	-0.025 -0.05	35.975 35.95
$\phi 10$	h7	0 -0.015	10 9.985
Dimensions	Tolerances		

3xM4, 6tief
TK $\phi 48 \pm 0.2$, (3x120°)
3xM4, 6deep
TK $\phi 48 \pm 0.2$, (3x120°)



Biegeradius Kabel 15xd
bezogen auf Standardkabel
Unitronic FD-CP 40x0.14mm²

Bending cable radius 15x ϕ
for cabletype
Unitronic FD-CP 40x0.14mm²

Artikel-Nr. und Steckerbelegung: siehe Datenblatt
Article-No. and pin connections: see data sheet

	TR Electronic GmbH Eglshalde 6 78647 Trossingen Telefon 07425/228-0				Maßstab 1:1 DIN A3	Projekt-Nr.:
						Zeichnungs-Nr. nur für diese Ausführung gültig Drawing-No. only for this type valid
						CEV-65-M, 36er Zentr.
						Zeichnungs-NR../Drawing-No.: 04-CEV65M-M0264
						Blatt 1 Bl

Pin assignment

Pin assignment number: 270

Index: B

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Connector name: 37-pol SUB-D

Pin-count: 37

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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	O_D12	Data output				white/green
14	O_D13	Data output				brown/green
15	O_D14	Data output				white/yellow
16	O_D15	Data output				yellow/brown
17	O_D16	Data output				white/gray
18	O_D17	Data output				gray/brown
19	O_D18	Data output				white/pink
20	O_D19	Data output				pink/brown
21	O_D20	Data output				white/blue
22	O_D21	Data output				brown/blue
23	O_D22	Data output				white/red
24	O_D23	Data output				brown/red
25	not connected					
26	not connected					
27	Preset1_IN	Preset value 1	Supply Voltage		0	gray/green
28	not connected					
29	I_Latch	High=Latch	Supply Voltage		0	pink/green
30	Direction IN	Change of counting direction	Supply Voltage		0	yellow/pink
31	not connected					
32	Preset2_IN	Preset value 2	Supply Voltage		0	yellow/blue
33	not connected					
34	Ser.Program+_IN/OUT	Ser. programming interface RS485	RS 485	RS 485		yellow/red
35	Ser.Program-_IN/OUT	Ser. programming interface RS485	RS 485	RS 485		green/black
36	Supply Voltage IN	Supply voltage	11-27V			yellow/black
37	Ground IN	Ground	0V			gray/blue

Pin assignment

Pin assignment number: 270

Connector name: 37-pol SUB-D

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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.