Absolute rotary Encoder

CEH582M*4096/4096 SSI DMS 10H7 KRF

Order No.:CEH582M-00080
17.5.2023 / 010102058202010202

Technical data

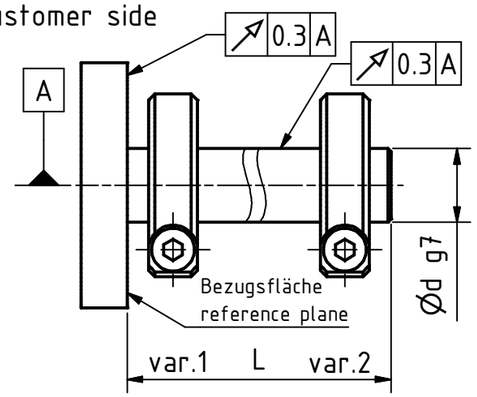
NO.OF STEPS/REV	4.096,000
NO. OF REVOLUTIONS	4.096,000
PARAMETERIZABLE	VIA TRWINPROG
INTERFACE	SSI
CODE	GRAY
SUPPLY VOLTAGE	10-30V
PROTECTION Class	IP54
OPERATING TEMPERATURE	-20°C… +75°C
FLANGE TYPE	DMS 2 FLÜGEL TEILKREIS 63
FLANGE TYPE	DREHMOMENTSTÜTZE (DMS)
SHAFT EXECUTION	(H) Hollow shaft
SHAFT TYPE	D10H7
CONNECTOR TYPE	1x M16 CABLE GLAND
CONNECTOR-POSITION	CABLE GLAND RADIAL
cable length (m)	2,000 M
PINOUT NO.	ST677C
OPTIONS ENC	CLAMPING RING FRONT SIDE
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-CEH582M-M0031
FIRMWARE NO	437582
AL:	N
ECCN:	N
MTTFd [y] (T=45°C, DC=0) >=	200
UL-APPROVALS	USA+CANADA

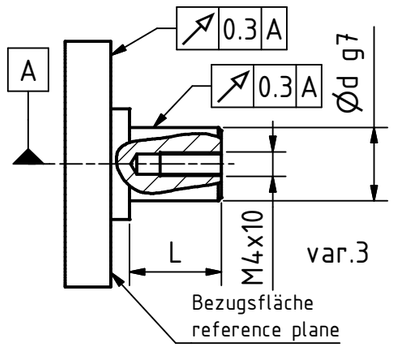
GL	Wellenausführung glatt / shaft type cylindrical
FL	Wellenausführung mit Fläche / shaft type with flat surface
N	Wellenausführung mit Nut / shaft type with slot
Hohlw	Hohlwelle / hollow shaft
Klemme	mit Klemmring / with clamping ring
Grundw	Grundwelle / fundamental shaft
SLG	Seillängengeber / cable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

Subject to change.

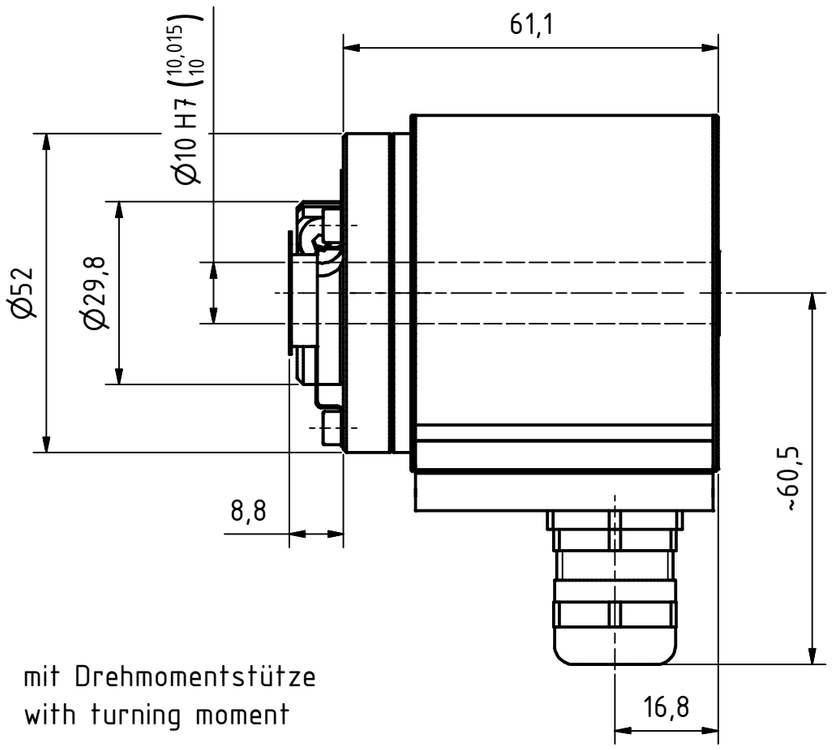
TR-Electronic GmbH
Eglishalde 6
78647 Trossingen
Tel. +49 (0) 7425 228-0
info@tr-electronic.de
www.tr-electronic.de

Kundenseite
customer side

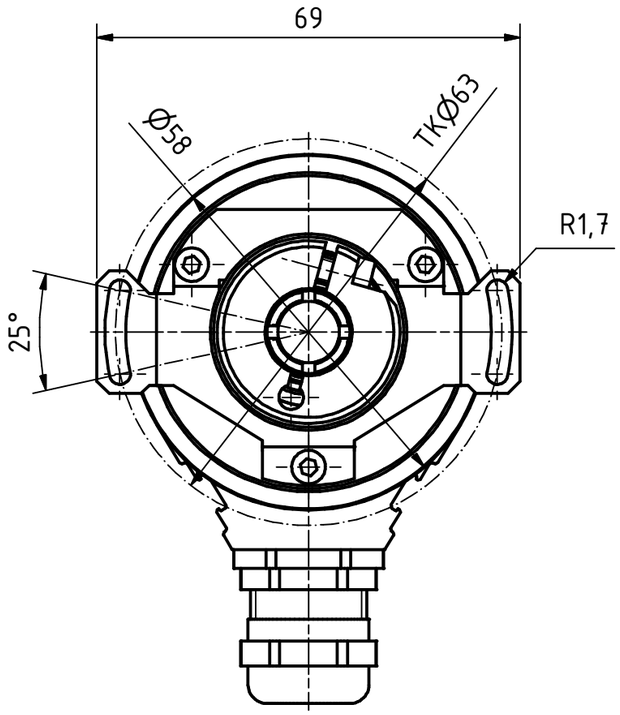




encoder type		Ød	L
CEH58...	var.1	Ø8...Ø11	min. 35
		Ø12	min. 35
	var.2	Ø8...Ø12	min. 80
CES58...	var.1	Ø8...Ø11	30+5
		Ø12	32+3
	var.3	Ø8...Ø12	14± 0.5



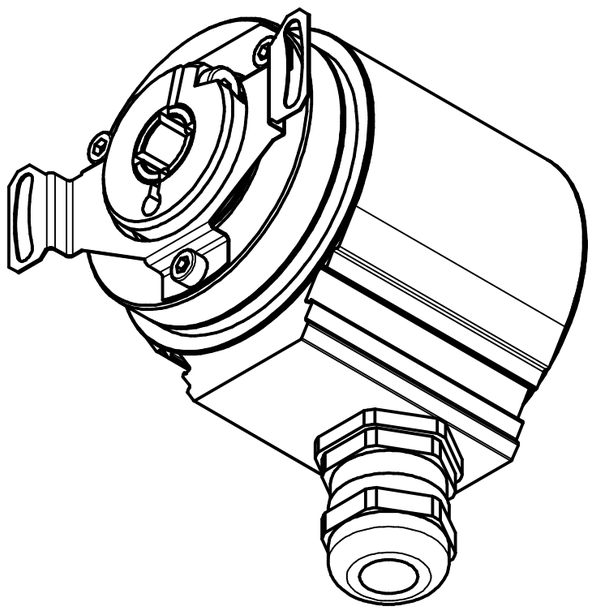
mit Drehmomentstütze
with turning moment

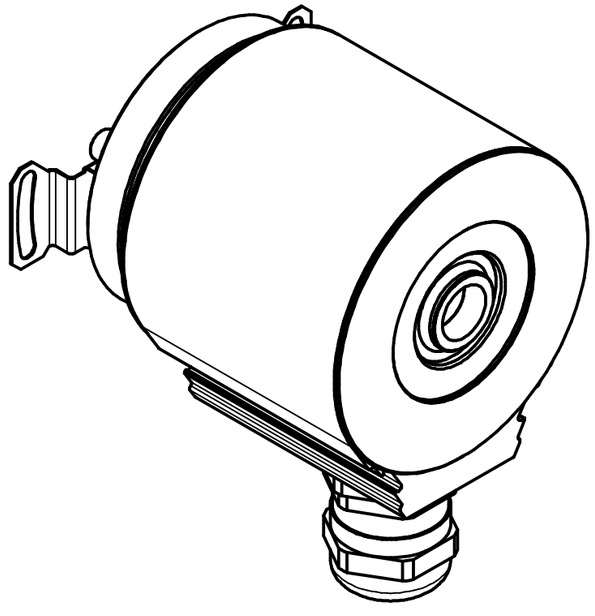


M16x1.5, SW20, für Kabel/for cable Ø5-10

Biegeradius Kabel 15xØ bezogen auf Standardkabel
Unitronic FD-CP

Bending cable radius 15xØ for cabletype
Unitronic FD-CP





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

TR-Electronic GmbH
Eglishalde 6
D-78647 Trossingen
phone +49 7425 228.0
www.tr-electronic.de

Zust.	Änderungen	Datum	Name

	Datum	Name
Erstellt	23.04.2019	FLAIG
Bearb.	23.04.2019	FLAIG
Gepr.	23.04.2019	NEMECZ
Norm		

www.tr-electronic.de
DXF+Info:
info@tr-electronic.de

Maßstab 1:1 DIN A3 Projekt-Nr.:

Zeichnungs-Nr. nur für diese Ausführung gültig
Drawing-No. only for this type valid

CEH-582-M, Ø10H7

Zeichnungs-NR../Drawing-No.:
04-CEH582M-M0031

Blatt 1
1 Bl

Pin assignment

Pin assignment number: 677

Index: C

13.01.2021

Connector name: with cable outlet

Pin-count: 12

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