

IPS58*2000 INC_HTL DMS 10H7 KRF

OrderNo.:IPS58-00014

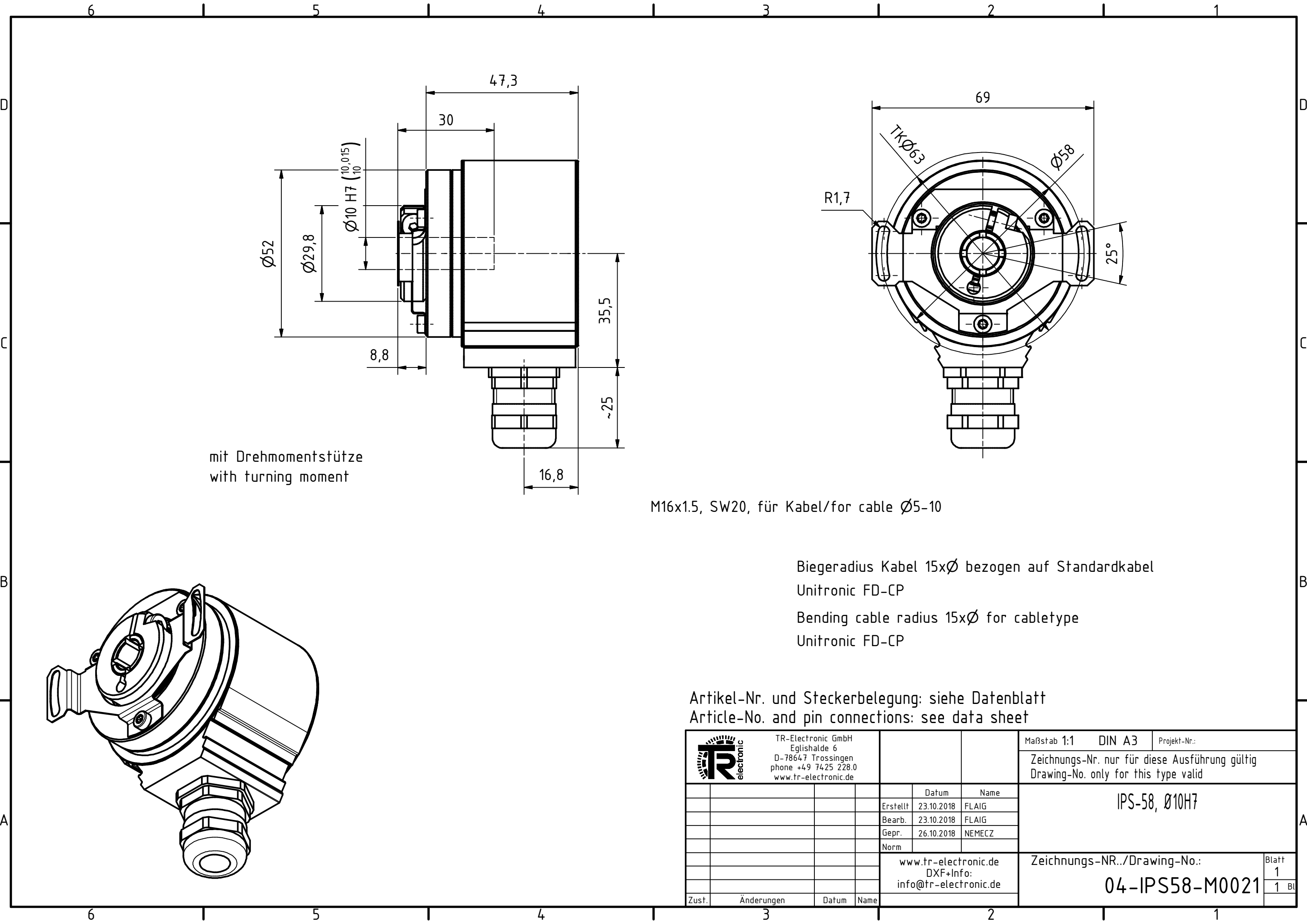
22.5.2023 / 0101010583

Technical data

NO. OF PULSES	2000
INTERFACE	INCREMENTAL
NO. OF CHANNELS	K1-K2 NEG
ZERO-PULSE	K0 NEG
SUPPLY VOLTAGE	4,75V..27V
OUTPUT LEVEL	HTL
PROTECTION Class	IP65
OPERATING TEMPERATURE	-25+85°C
SHAFT EXECUTION	(S) Blind shaft
SHAFT TYPE	10H7 BLIND SHAFT
CONNECTOR-POSITION	PG RADIAL
cable length (m)	2,000 M
PINOUT NO.	ST10204A
OPTIONS ENC	CLAMPING RING FRONT SIDE
OPTIONS ENC	MOMENT SUPPORT SPRING
DRAWING NO.	04-IPS58-M0021
VERSIONNO	000
AL:	AL:N
ECCN:	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: 10204

Index: A

13.01.2021

Connector name: with cable outlet

Pin-count: 11

Page: 1/1

Pin	Designation	Description	Colour
1	CH_A_OUT	Channel A	brown
2	/CH_A_OUT	Channel A inverted	green
3	CH_B_OUT	Channel B	gray
4	/CH_B_OUT	Channel B inverted	pink
5	CH_I_OUT	Channel Reference	red
6	/CH_I_OUT	Channel Reference inverted	black
7	Supply Voltage IN	Supply voltage	brown/green+blue
8	Ground IN	Ground	white/green
9	not connected		
10	not connected		
11	Screen	Shield	

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.