AMI 100/285 INK_HTL 50ZB6FL

Order No.:41100063-01024
2.3.2022 / 0

Technical data

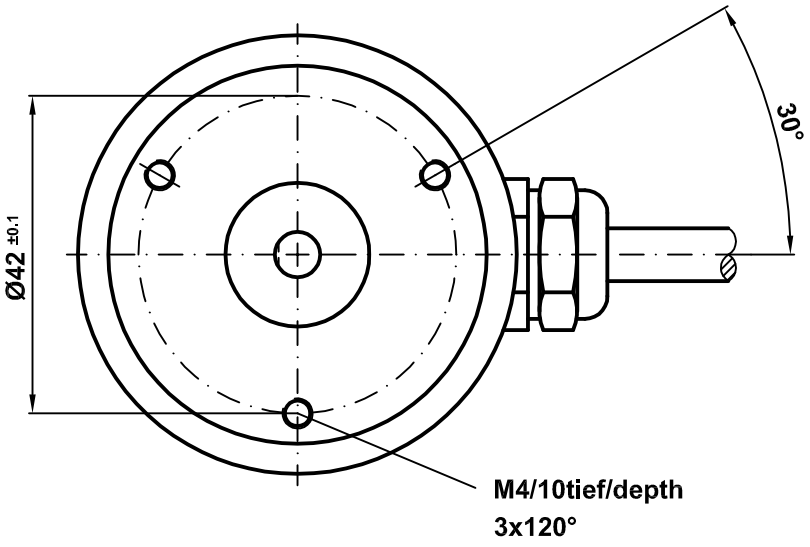
PULSE-RATE	1024
CHANNELS	A,A/,B,B/,N,N/
SIGNALS	square wave
SUPPLY VOLTAGE	10-30V
OUTPUT VOLTAGE	HTL
OUTPUT FREQUENCY	300kHz
CABLE/CONNECTOR ENTRY	side PG
CABLE LENGTH	230mm (75mm)
PINOUT NO.	ST9799C
SHAFT DESIGN	6FL/10
ENCLOSURE RATING	IP64 on shaft
LIMIT TEMPERATURE	-40/+85°C
SHAFT LOAD AXIAL	10N
SHAFT LOAD RADIAL	20N
CURRENT (UNLOADED)	max. 120mA
WEIGHT	0,25kg
DRAWING NO.	41-100-063-(DB)

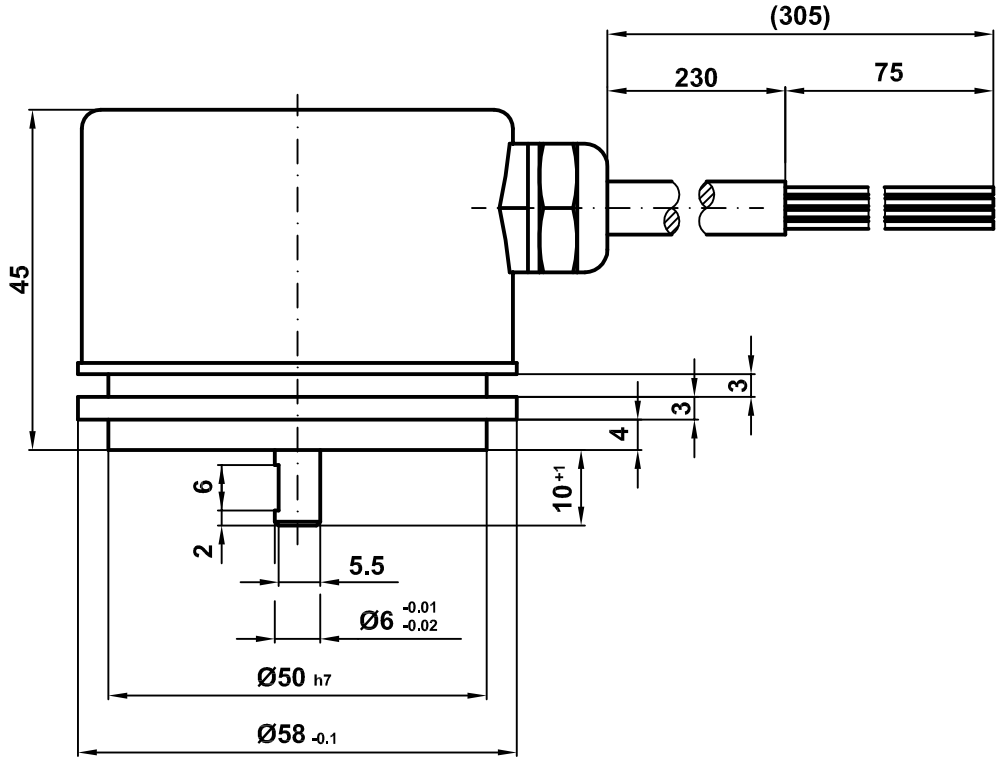
GL	Wellenausführung glatt / shaft type cylindrical
FL	Wellenausführung mit Fläche / shaft type with flat surface
N	Wellenausführung mit Nut / shaft type with slot
Hohlw	Hohlwelle / hollow shaft
Klemme	mit Klemmring / with clamping ring
Grundw	Grundwelle / fundamental shaft
SLG	Seillängengeber / cable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

Subject to change.

AMI Elektronik GmbH & Co.
Produktions KG
Benzstr. 30 82178 Puchheim
Tel. +49 (0) 89 800617-0
info@ami-elektronik.de
www.ami-elektronik.de

Mechanische Abmessungen für Gebertyp AMI
Mechanical dimensions encoder-type AMI
B100/285 (41100063-XXXXX)





Pin assignment

Pin assignment number: 9799 | Index: C | 22.06.2021

Connector name: with cable outlet | **Pin-count: 11** | **Page: 1/1**

Pin	Designation	Description	Colour
	CH_A_OUT	Channel A	brown
	/CH_A_OUT	Channel A inverted	green
	CH_B_OUT	Channel B	gray
	/CH_B_OUT	Channel B inverted	pink
	CH_I_OUT	Channel Reference	red
	/CH_I_OUT	Channel Reference inverted	black
	Supply Voltage IN	Supply voltage	brown 0,5
	Ground IN	Ground	white 0,5
	Ub sensor	Supply voltage	blue
	0V sensor	Ground	white
	Screen	Shield	transparency

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.
'