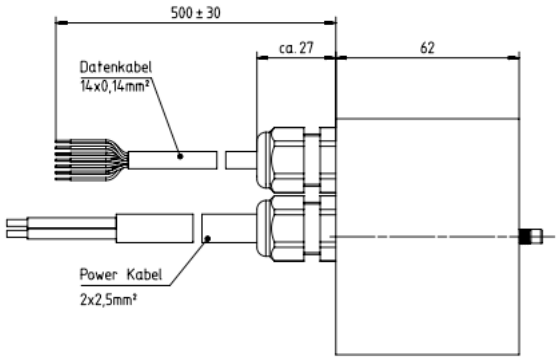
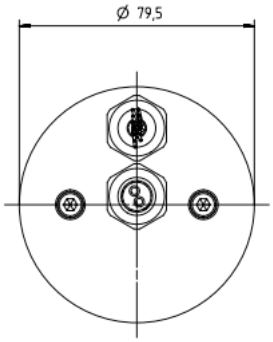
Integrated controller i80DC for series M80

excellent drives

- CAN interface
- CANopen, J1939 or customized CAN-Protocol
- 6 I/O - Channels
- Speed and position control
- Sine commutation
- Controll over Bus, Analog or PWM





Micro-Fit 14-pol	Adernfarbe	Funktion
1	nicht belegt	nicht belegt
2	weiß	GND
3	schwarz	GND-In
4	braun	IN 4
5	grün	IN 3
6	gelb	StandBy
7	grau-rosa	OUT 1
8	rosa	OUT 3
9	blau	CAN L
10	violett	CAN H
11	weiß-grün	IN 2
12	blau-rot	IN 1
13	rot	+24V-Logic
14	grau	OUT 2

Application on request

General data

Nominal voltage	[V]	12 - 24
U_{min}	[V]	9
U_{max}	[V]	36
I_N	[A]	20
I_{PEAK}	[A]	80
Angle resolution	[°]	max. 0,03

Features

- Integrated singleturn-absolute encoder with up to 16384 Pos / Rev.
- Up to 4 konfigurierbare analogue inputs
- Up to 4 configurable digital inputs
- Up to 3 configurable digital outputs
- Incremental encoder output with scalable resolution
- reverse polarity protection
- Standby Function optional
- Quadcount impulse input for high frequency signal
- Adjustable ramps/acceleration
- Firmware to customer needs
- IP67-option for motor mount
- 4Q operation
- optional brake chopper

Stand: 24. September 2020 – changes reserved

Kählig Antriebstechnik GmbH
Pappelweg 4
D-30179 Hannover/Germany

fon: +49 511 67493-0
fax: +49 511 67493-67
info@kag-hannover.de

www.kag-hannover.de