

Steckerbelegung / Pin assignment

CEH58M-00097 CANopen Adresse = 1, 500 kBaud (1x M12 Stecker)

Allgemeine Hinweise:

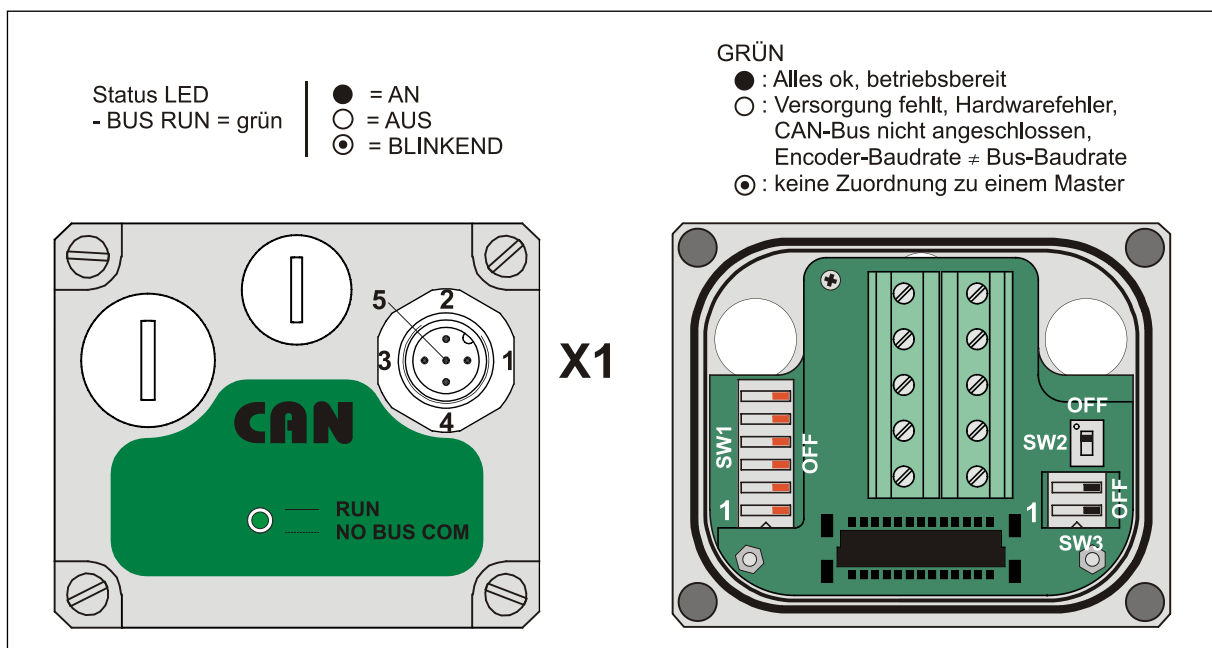
Wenn der Encoder die letzte Station im CANopen-Segment ist, muss der DIP-Schalter **SW2** für den CAN-Bus-Terminator (Zuschaltung des Abschlusswiderstandes) eingeschaltet werden (SW2=ON). Sonst muss er ausgeschaltet sein (SW2=OFF). Für den Betrieb sind nur paarweise verdrehte und geschirmte Bus- bzw. Anschlusskabel zu verwenden. Der Schirm ist jeweils auf die Kabelverschraubung des Gegensteckers aufzulegen.

X1	CANopen_IN, M12-Stecker (M12x1-5 pol. A-kodiert)
Pin 1	CAN_GND
Pin 2	US-Versorgung, 11-27 V DC
Pin 3	0V-Versorgung
Pin 4	CAN_H
Pin 5	CAN_L

SW1 Identifier (ID), Encoderadressierung						
DIP-6 = ID 2 ⁵	DIP-5 = ID 2 ⁴	DIP-4 = ID 2 ³	DIP-3 = ID 2 ²	DIP-2 = ID 2 ¹	DIP-1 = ID 2 ⁰	Adresse = ID
* off	off	off	off	off	off	1
off	off	off	off	off	on	2
off	off	off	off	on	off	3
⋮	⋮	⋮	⋮	⋮	⋮	⋮
on	on	on	on	on	off	63
on	on	on	on	on	on	64

* Default-Einstellung

SW3 Baudrate			
DIP-2	DIP-1	Baudrate	Leitungslänge [m]
off	off	20 kBaud	bis 2500
off	on	125 kBaud	bis 500
* on	off	500 kBaud	bis 100
on	on	1 MBaud	bis 25



Steckerbelegung / Pin assignment

CEH58M-00097 CANopen Address = 1, 500 kBaud (1x M12 male)

General note:

If the encoder is the last station in the CANopen-segment, the DIP switch **SW2** for the CAN-bus terminator (switching-on of the terminal resistance) must be switched on (SW2=ON). Otherwise the terminator must be switched off (SW2=OFF).

For the operation shielded twisted-pair bus- or connection-cables must be used. The shield has to be connected to the cable screw gland of the mating connector.

X1	CANopen_IN, M12 male (M12x1-5 pol. A-coded)
Pin 1	CAN_GND
Pin 2	US-supply voltage, 11-27 V DC
Pin 3	0V-supply voltage
Pin 4	CAN_H
Pin 5	CAN_L

SW1 Identifier (ID), Encoder addressing						
DIP-6 = ID 2 ⁵	DIP-5 = ID 2 ⁴	DIP-4 = ID 2 ³	DIP-3 = ID 2 ²	DIP-2 = ID 2 ¹	DIP-1 = ID 2 ⁰	Address = ID
* off	off	off	off	off	off	1
off	off	off	off	off	on	2
off	off	off	off	on	off	3
⋮	⋮	⋮	⋮	⋮	⋮	⋮
on	on	on	on	on	off	63
on	on	on	on	on	on	64

* Default setting

SW3 Baud rate			
DIP-2	DIP-1	Baud rate	Line length [m]
off	off	20 kbps	up to 2500
off	on	125 kBaud	up to 500
* on	off	500 kBaud	up to 100
on	on	1000 kbps	up to 25

