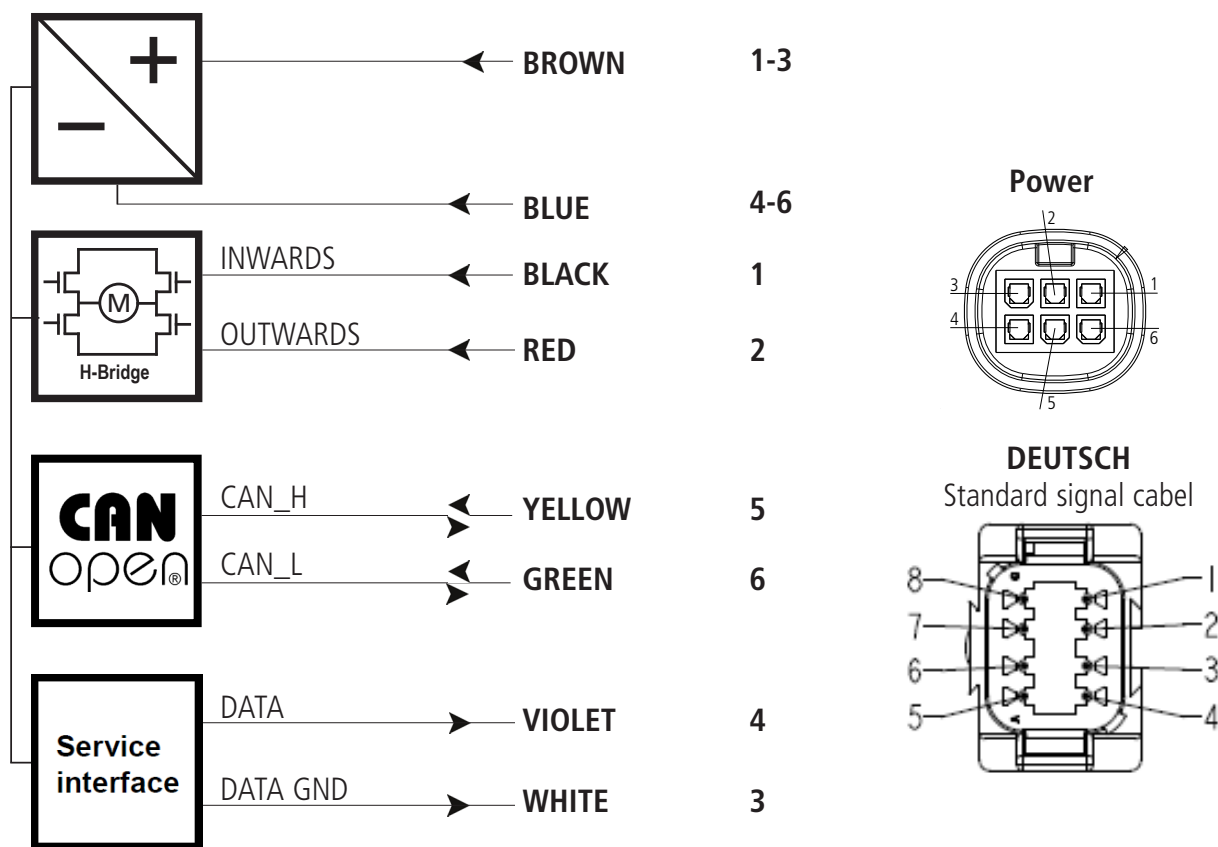




Actuator LA33
CANopen
Connection diagram

Connection diagram

33XXXXXXXX03XXX=XXXXX008XXXXXX



Please be aware that if the power supply is not properly connected, you might damage the actuator!

The BusLink software tool is available for CANbus actuators and can be used for:

Diagnostics, manual run and configuration


The newest version is available online at LINA.KOM/TECHLINE



Please note: The BusLink configuration cable must be purchased separately

Item number for BusLink cable kit: 0367997 (adapter + USB2Lin)

I/O Specifications

Input/Output	Specification	Comments
Description	Compatible with the CiA 301 standard. Using CANopen messages to command movement, setting parameters and to deliver feedback from the actuator. Actuator identification is provided, using standard CiA 301 address claim or fixed addresses	
Brown	12-24 VDC + (VCC) Connect Brown to positive 12 V ± 20 % 24 V ± 10 % 12 V, current limit 15 A 24 V, current limit 10 A	Note: Do not change the power supply polarity on the brown and blue wires! Power supply GND (-) is electrically connected to the housing Current limit levels can be adjusted through BusLink
Blue	12-24 VDC - (GND) Connect Blue to negative	If the temperature drops below 0 °C, all current limits will automatically increase to 20 A for 12 V 15 A for 24 V
Red	Extends the actuator	On/off voltages: > 67 % of V_{IN} = ON < 33 % of V_{IN} = OFF
Black	Retracts the actuator	
Green	CAN_L	CANopen assumes a physical layer according to ISO 11898-2. Speed: Autobaud up to 250 kbps (Prototypes: 125 kbps) Max bus length @ 125 kbps: 500 meters Max bus length @ 250 kbps: 250 meters Max bus length @ 500 kbps: 100 meters Max stub length @ 125 kbps: 22 meters Max stub length @ 250 kbps: 11 meters Max stub length @ 500 kbps: 5,5 meters Max node count: 127 Wiring: Unshielded twisted pair Cable impedance: 120 Ω (±10%)
Yellow	CAN_H	
Violet	Service interface	Only BusLink can be used as service interface. Use green adapter cable
White	Service interface GND	

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