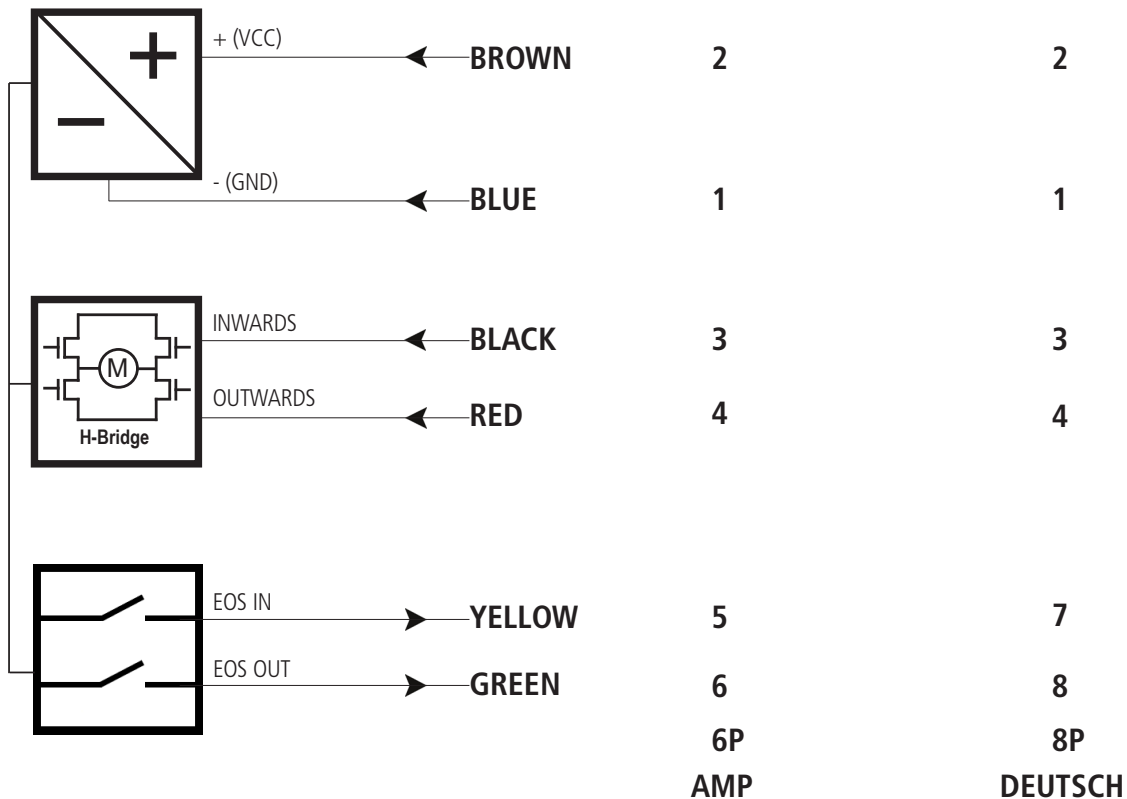




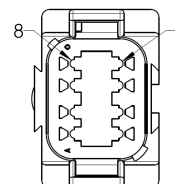
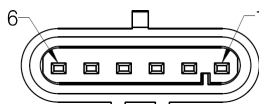
Actuator LA25
IC Advanced with endstop signal
Connection diagram

Connection diagram

25XXXXXXXXXX3X1X=XXXXX0XXXXXXXXX



Compliant with:



Standard connector front view



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

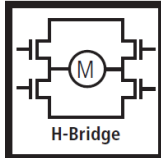


Configuration of IC Advanced is possible with the BusLink software for PC

The newest version is available online at LINAk.COM/TECHLINE

Please note: The BusLink configuration cable must be purchased separately
Item number for BusLink cable kit: 0147999 (adapter + USB2Lin)

I/O Specifications

Input/Output	Specification	Comments
Description	Easy to use interface with integrated power electronics (H-bridge). The actuator can also be equipped with electronic circuit that gives an End Stop Signal. Actuators with "IC" cannot be operated with PWM (power supply).	 H-Bridge
Brown	12-24 VDC + (VCC) Connect Brown to positive 12 V ± 20% - 5 A at max load 24 V ± 10% - 2.5 A at max load 12 V, current limit 8 A 24 V, current limit 5 A	Note: Do not change the power supply polarity on the brown and blue wires! Power supply GND (-) is electrically connected to the housing
Blue	12-24 VDC - (GND) Connect Blue to negative	Current limit levels can be adjusted through BusLink If the temperature drops below 0 °C, all current limits will automatically increase to 9 A for 12 V, and 6 A for 24 V
Red	Extends the actuator	The signal becomes active at: > 67% of V_{IN} = ON
Black	Retracts the actuator	The signal becomes inactive at: < 33% of V_{IN} = OFF Input current: 10 mA
Green	Endstop signal out	Output voltage min. $V_{IN} - 2 V$ Source current max. 100 mA Endstop signals are NOT potential free. Endstop signals can be configured with BusLink software according to any position needed.
Yellow	Endstop signal in	When configuring virtual endstop, it is not necessary to choose the position feedback. EOS and virtual endstop will work even when feedback is not chosen.
Violet	Not to be connected	
White	Not to be connected	



- Current cut-offs should not be used as stop function! This might damage the actuator. Current cut-offs should only be used in emergencies!
- Current cut-off limits are not proportional with the load curves of the actuator. This means that the current cut-offs cannot be used as load indicator.
- There are tolerances on the spindle, nut, gear wheels etc. and these tolerances will have an influence on the current consumption for the specific actuator.

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