TECHLINE
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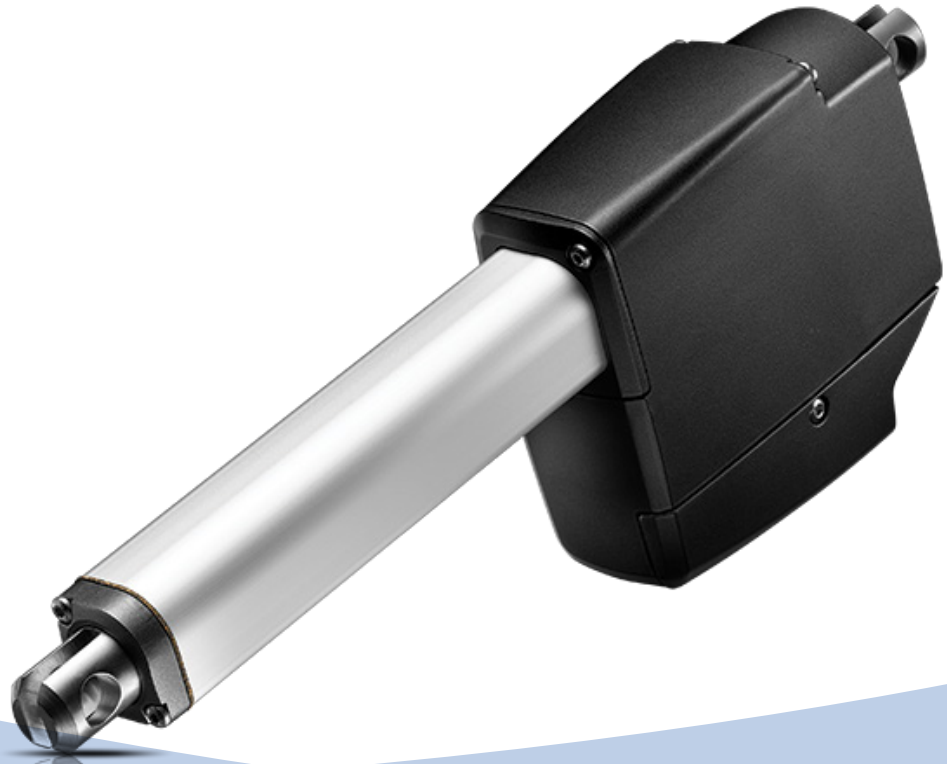

Actuator LA25

IC Advanced without feedback and endstop signal

Connection diagram

LINAK®
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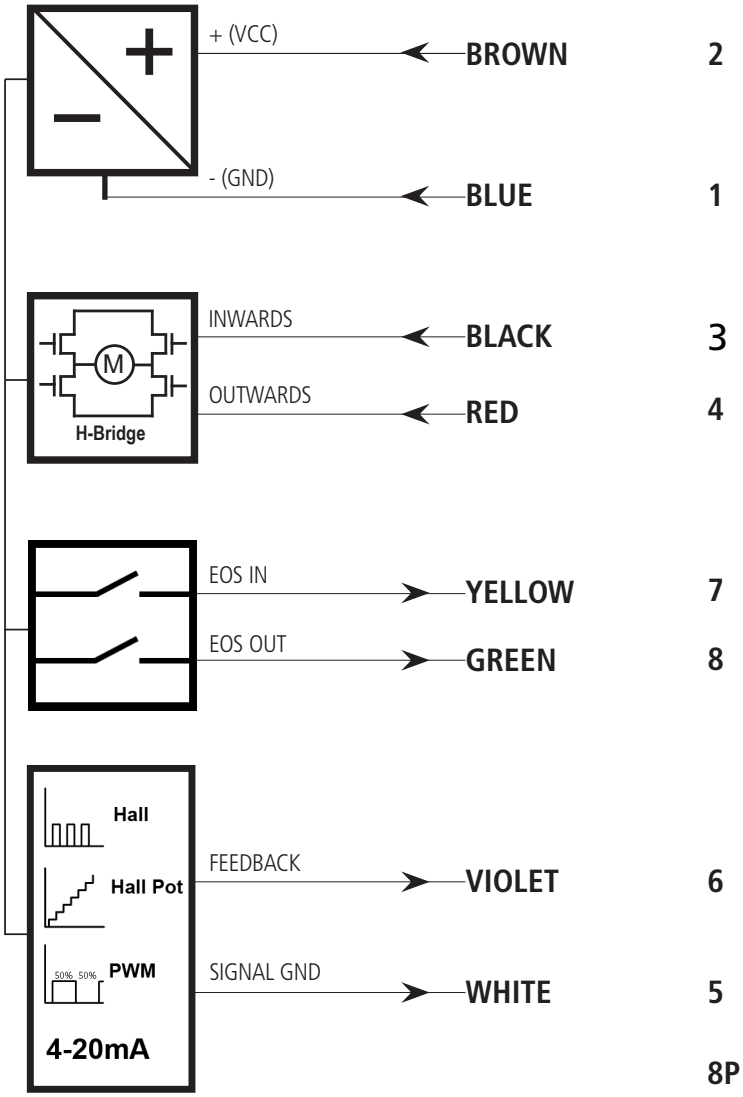
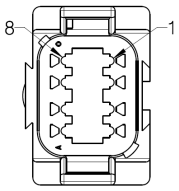
Connection diagram

25XXXXXXXXX3X1X=XXXXXAXXXXXX



8P

DEUTSCH



Standard connector front view

Compliant with:

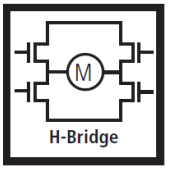
PLUS+1®
Powered by Danfoss

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 seperately
Item number for BusLink cable kit: 0147999 (adapter + USB2Lin)

I/O Specifications

Input/Output	Specification	Comments
Description	The actuator can be customised with bus-link, different logged parameters can be viewed. AActuators with "IC" cannot be operated with PWM (power supply)	
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 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
Blue	12-24 VDC - (GND) Connect Blue to negative	
Red	Extends the actuator	The signal becomes active at: > 67% of V_{IN} = ON The signal becomes inactive at: < 33% of V_{IN} = OFF
Black	Retracts the actuator	
Green	Not to be connected	
Yellow	Not to be connected	
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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