

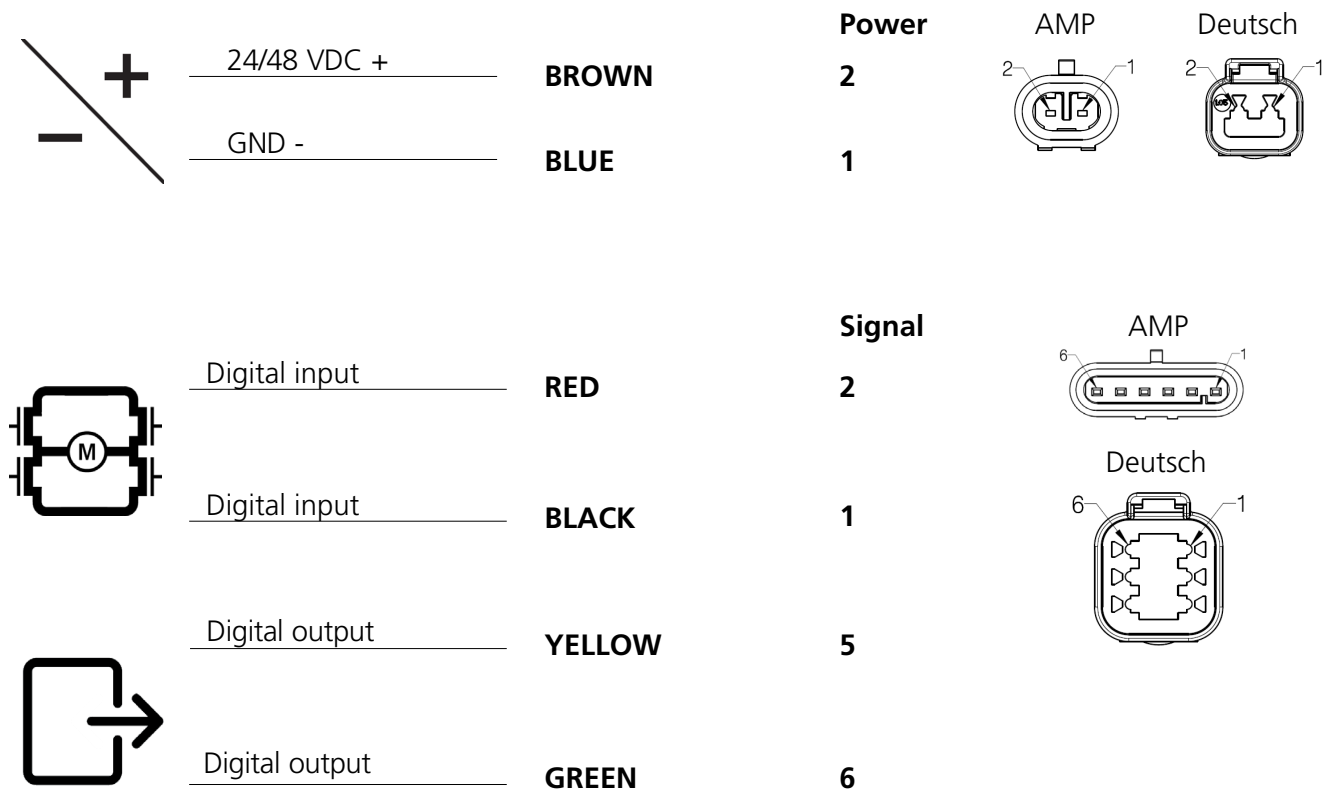
Actuator LA36
With IC Basic

Connection diagram

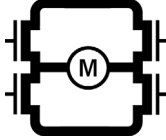


Connection diagram

36XXXXXXXX13XX-XXXXXXXXXXXXXXXXXX



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

Input/Output	Specification	Comments
Description	Easy to use interface with integrated power electronics (H-bridge). The version with "IC option" cannot be operated with PWM (power supply).	
Brown	12 VDC \pm 20 %, current limit 30 A 24 VDC \pm 10 %, current limit 20 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	If the temperature drops below 0 °C, all current limits will automatically increase to 30 A for 12 V and 25 A for 24 V
Red	Extends the actuator	The signal becomes active at: > 67% of V_{IN}
Black	Retracts the actuator	The signal becomes inactive at: < 33% of V_{IN} Input current: 10 mA
Green	Endstop reached out	Output voltage min. $V_{IN} - 2 V$ Source current max. 100 mA
Yellow	Endstop reached in	Endstop signals are NOT potential free. Endstop signals can be configured with BusLink software according to any position needed When configuring virtual endstop, it is not necessary to choose the position feedback Endstop Signal 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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