

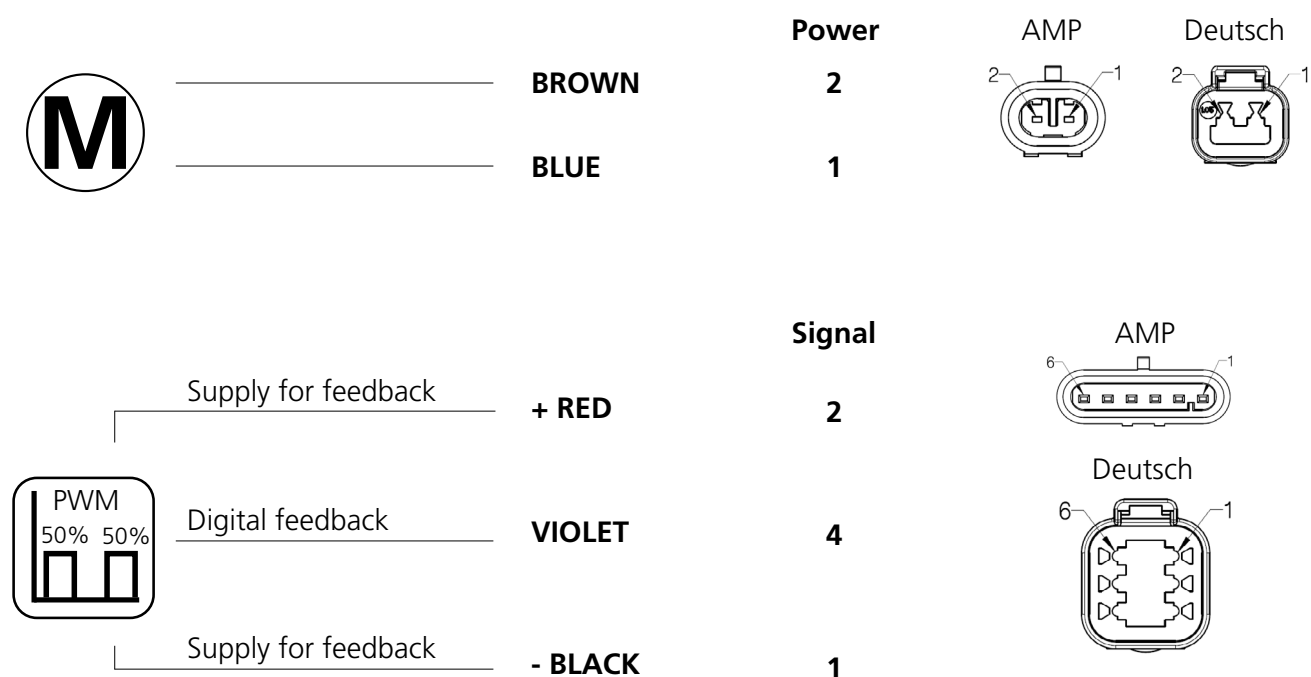
Actuator LA36  
With absolute positioning -  
PWM

## Connection diagram



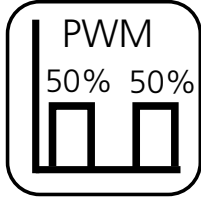
## Connection diagram

36XXXXXXXXF00XX-XXXXXXXXXXXXXXXXXX



The signal power must be turned on at all times when the actuator is running, and minimum one second before it starts to run.

## I/O specifications

Input/Output	Specification	Comments
Description	The actuator can be equipped with an electronic circuit that gives an analogue feedback signal when the actuator moves.	
Brown	12 V DC $\pm$ 20 %, max. 26 A depending on load 24 V DC $\pm$ 10 %, max. 13 A depending on load 36 V DC $\pm$ 10 %, max. 10 A depending on load 48 V DC $\pm$ 10 %, max. 8 A depending on load	To extend actuator: Connect Brown to positive To retract actuator: Connect Brown to negative
Blue		To extend actuator: Connect Blue to negative To retract actuator: Connect Blue to positive
Red	Signal power supply (+) 12 - 36 V DC	Current consumption: Max. 60 mA during run and pause There will be accrued a higher inrush current
Black	Signal power supply GND (-)	
Green	Not to be connected	
Yellow	Not to be connected	
Violet	Digital output feedback (PNP) 10-90 % (Option 5) 20-80 % (Option 6)	Output voltage min. $V_{IN} - 2 V$ Tolerances $\pm 2 \%$ Max. current output: 12 mA Frequency: 75 Hz
White	Not to be connected	

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