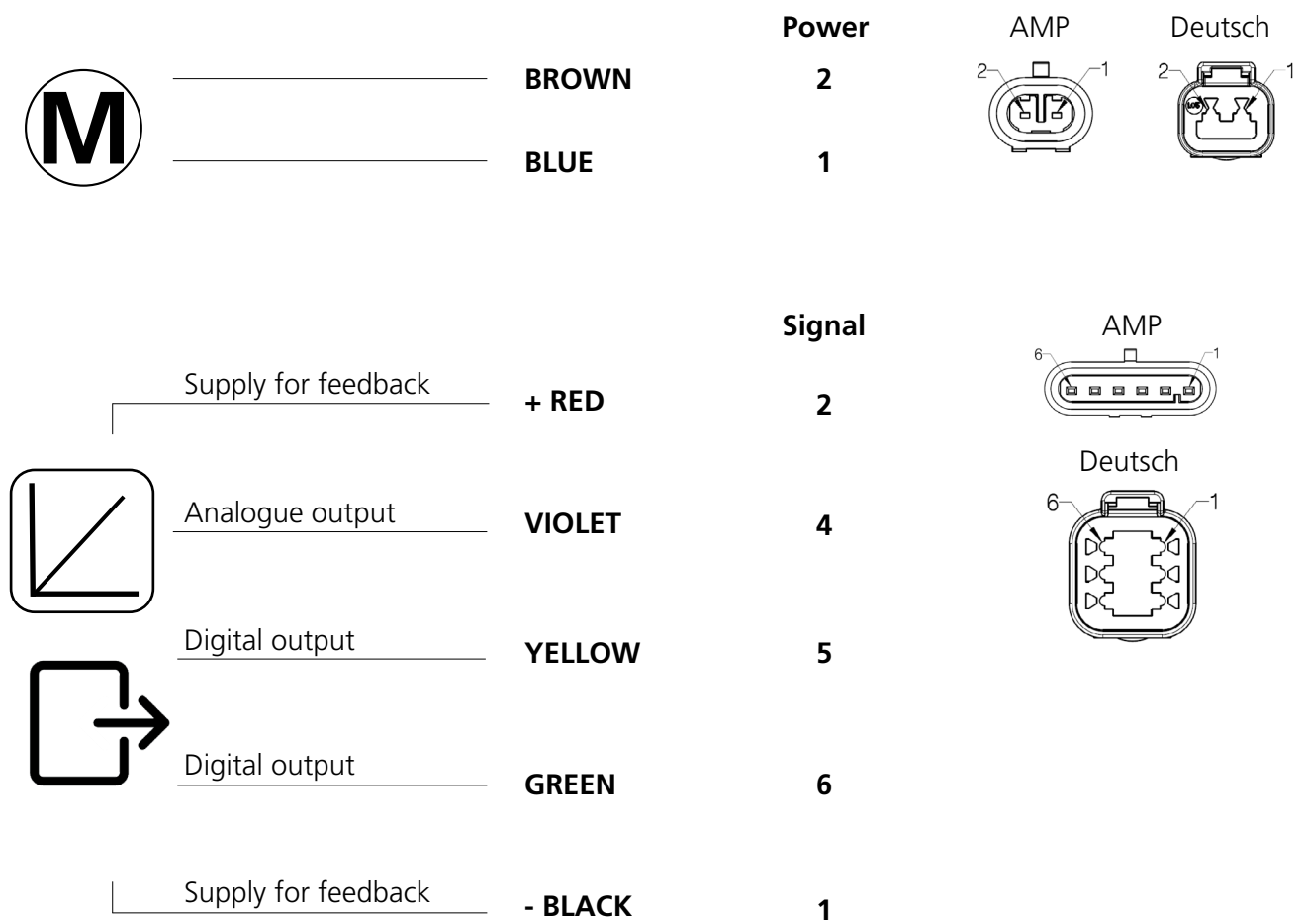


Actuator LA36
With endstop reached and
absolute positioning -
Mechanical potentiometer
Connection diagram

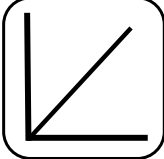


Connection diagram

36XXXXXXXXXP00XX-XXXXXXXXXXXXXXXXXX



I/O specifications

Input/Output	Specification	Comments
Description	The actuator can be equipped with a mechanical potentiometer, 10 kohm.	 Bourns 0-10 kohm, 5%, 10-Turn
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	For endstop signals
Black	Signal power supply GND (-)	
Green	Endstop reached out	Output voltage min. $V_{IN} - 2$ V Source current max. 100 mA NOT potential free
Yellow	Endstop reached in	
Violet	Mechanical potentiometer output Output range with 12 mm spindle pitch: 1 k ohm = 0 mm stroke 11 k ohm = 500 mm stroke Output range with 16 mm spindle pitch: 1 kohm = 0 mm stroke 11 kohm = 666 mm stroke Output range with 20 mm spindle pitch: 1 k ohm = 0 mm stroke 11 k ohm = 833 mm stroke	+10 V or other value Output protection: 1 kohm protection resistor in series with the potentiometer Linearity: \pm 0.25%
White	VCC+ to POT 10 V DC or other values	



Please note that Potentiometer is not possible on variants with fast gear (Spindle pitch 20 mm, H Gear).

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