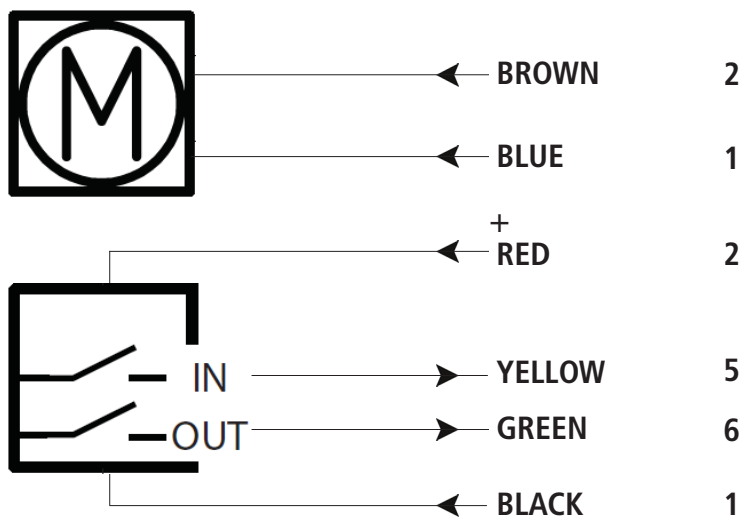




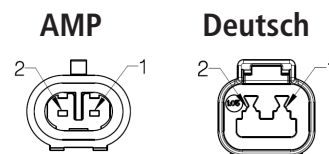
Actuator LA33  
Endstop signal output  
*Connection diagram*

# Connection diagram

33XXXXXXXXXXXX0X=XXXXX1XXXXXXX

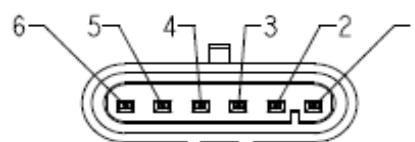


**Power**



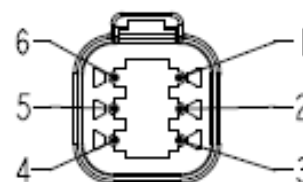
**AMP**

Standard signal cabel




**DEUTSCH**

Standard signal cabel



# I/O Specifications

Input/Output	Specification	Comments
Description	The actuator can be equipped with electronically controlled Endstop Signals out.	
Brown	12 or 24 VDC (+/-) 12 V ± 20 % 24 V ± 10 % Under normal conditions:	To extend actuator: Connect Brown to positive To retract actuator: Connect Brown to negative
Blue	12 V, max. 13 A depending on load 24 V, max. 9 A depending on load	To extend actuator: Connect Blue to negative To retract actuator: Connect Blue to positive
Red	Signal power supply (+) 12-24 VDC	Current consumption: Max. 40 mA, also when the actuator is not running
Black	Signal power supply GND (-)	
Green	Endstop signal out	Output voltage min. VIN - 2 V Source current max. 100 mA NOT potential free
Yellow	Endstop signal in	
Violet	Not to be connected	
White	Not to be connected	



**Tip:** If you wish to use the endstop signals, you will have to keep power on the brown, blue, red and black wires, otherwise the signal will be lost.

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