

Actuator LA33 With CANopen 0-point

Connection diagram

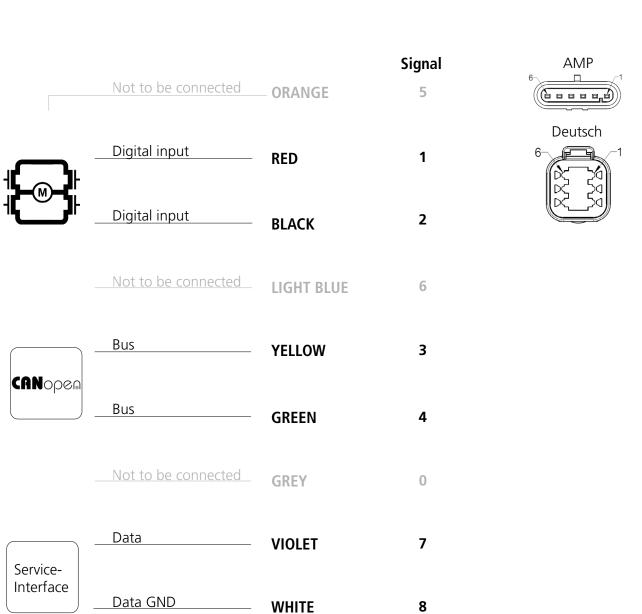




Connection diagram

33XXXXXXXX003X2X=XXXXXX0HXXXXX

`			Power	AMP	Deutsch
+ -	24/48 V DC +	BROWN	2	2	2- 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
_ \ _	GND -	BLUE	1		



I/O specifications

Input/Output	Specification			ation	Comments		
Description	Compatible with the CiA 301 standard. Using CANopen messages to command movement, setting parameters and to deliver feedback from the actuator. Actuator support LSS			es to command meters and to deliver	CANOPEN		
Brown Connect to	24-48 V DC + (VCC) Connect Brown to positive				Note: Do not swap the power supply polarity on the Brown and Blue wires!		
positive	Vsup	Vmin	Vmax		The PCB is coupled to the housing through a capacitor.		
	24 V	16 V	36 V	Motor running	Current limit levels can be adjusted		
		10 V	60 V	Motor not running CAN communication possible	through Actuator Connect®. If the temperature drops below 0 °C, a current limits will automatically increase		
	48 V	36 V	58 V	Motor running	with a factor 2.		
		24 V	60 V	Motor not running CAN communication possible			
	24 V, current limit 13 A 48 V, current limit 8 A						
Blue Connect to negative	- (GND)					
Orange	Not to be used						
Red	Extends the actuator				The signal becomes active at: $> 67\%$ of $V_{IN} = ON$		
Black	Retract	ts the act	uator		The signal becomes inactive at: < 33% of V _{IN} = OFF Input current: 10 mA		
Light Blue	Not to be used				Not to be used		



Input/Output	Specification	Comments		
Green	CAN_L	CANopen assumes a physical layer according to ISO 11898-2.		
		Speed: Autobaud up to 500 kbps		
		Max. bus length at 125 kbps: 500 meters		
		Max. bus length at 250 kbps: 250 meters		
		Max. bus length at 500 kbps: 100 meters		
Yellow	CAN_H	Max. stub length at 125 kbps: 22 meters Max. stub length at 250 kbps: 11 meters		
		Max. stub length at 500 kbps: 5,5 meters Max. node count: 127		
		Wiring: Unshielded twisted pair		
Violet	Service interface	Only Actuator Connect® can be used as service interface. Use Grey adapter cable		
White	Service interface GND			

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