

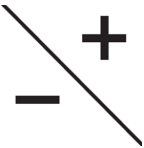
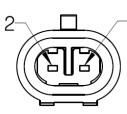
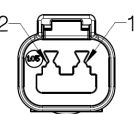
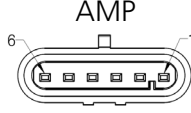
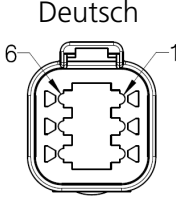
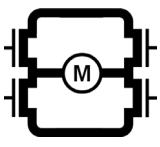


Actuator LA36
With CAN bus J1939 0-point
- with Software Addressing

Connection diagram



Connection diagram

36XXXXXXXXX17XX-XXXXXXXXXXXXX0

	24/48 VDC +	BROWN	Power	 
	GND -	BLUE	2 1	
	Not to be connected	ORANGE	Signal	 
	Digital input	RED	5 1	
	Digital input	BLACK	2	
	Not to be connected	LIGHT BLUE	6	
	Bus	YELLOW	3	
	Bus	GREEN	4	
	Not to be connected	GREY	0	
	Data	VIOLET	7	
	Data GND	WHITE	8	



The BusLink software tool is available for CANbus actuators and can be used for:

Diagnostics, manual run and configuration

The newest version is available online at LINA.K.COM/TECHLINE




Please note: The BusLink configuration cable must be purchased separately

Item number for BusLink cable kit: 0367997 (adapter + USB2Lin)

I/O specifications

CAN bus (J1939) 0-Point with Software Addressing

Input/Output	Specification	Comments			
Description	Compatible with the SAE J1939 standard. Uses CAN messages to command movement, setting parameters and to deliver feedback from the actuator. See the LINAK CAN bus user manual. Actuator identification is provided, using standard J1939 SW addressing.				
Brown Connect to positive	12 VDC, current limit 30 A 24 VDC, current limit 20 A 48 VDC, current limit 8 A	Note: Do not swap the power supply polarity on the brown and blue wires! The PCB is coupled to the housing through a capacitor. Current limit levels can be adjusted through Actuator Connect®. If the temperature drops below 0 °C, all current limits will automatically increase with a factor 2.			
	Vsup		Vmin	Vmax	
	12 V		10,5 V	16 V	Motor running
			6 V	16 V	Motor not running CAN communication possible
	24 V		18 V	32 V	Motor running
			10 V	32 V	Motor not running CAN communication possible
	48 V		34 V	58 V	Motor running
24 V		60 V	Motor not running CAN communication possible		
Blue Connect to negative	- (GND)				
Orange	Not to be used				
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			
Light Blue	Not to be used	Not to be used			



* J1939-15 refers to Twisted Pair and Shielded cables. The standard/default cables delivered with CAN bus actuators do not comply with this. Find more information about the CAN bus in the CAN bus user manual -The newest version is available online at LINAK.COM/TECHLINE

Input/Output	Specification	Comments
Green	CAN_L	Actuators with CAN bus does not contain the 120 Ω terminal resistor. The physical layer is in accordance with J1939-15. * Speed: Autobaud up to 500 kbps Max bus length: 40 meters Max stub length: 3 meters
Yellow	CAN_H	Max node count: 10 (can be extended to 30 under certain circumstances) 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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