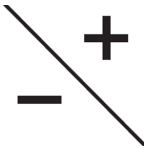
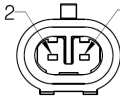
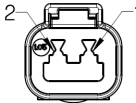
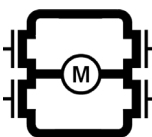
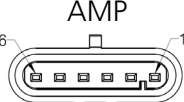
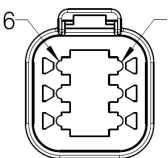




Actuator LA36
With CAN bus (J1939)
Connection diagram



Connection diagram

36XXXXXXXXX07XX-XXXXXXXXXXXXXXXXXX

	12/24/48 VDC +	BROWN	Power		
	GND -	BLUE			
	Digital input HW Addressing pin 2	RED	Signal		
	Digital input HW Addressing pin 1	BLACK			
	Bus	GREEN			
	Bus	YELLOW			
	Data	VIOLET			
	Data GND HW Addressing pin 3	WHITE			



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

Diagnostics, manual run and configuration


The newest version is available online at LINAk.COM/TECHLINE



Please note: The BusLink configuration cable must be purchased separately

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

I/O specifications

Input/Output	Specification	Comments			
Description	<p>Compatible with the SAE J1939 standard. Uses CAN messages to command movement, setting parameters and to deliver feedback from the actuator.</p> <p>Actuator identification is provided using standard J1939 address claim or fixed addresses.</p>				
Brown Connect to positive	12 - 48 V DC + (VCC)	<p>Note:</p> <p>Do not change the power supply polarity on the Brown and Blue wires!</p> <p>Power supply GND (-) is electrically connected to the housing.</p> <p>Current limit levels can be adjusted through BusLink.</p> <p>12 V ± 20 %, current limit 30 A 24 V ± 10 %, current limit 20 A 48 V ± 10 %, current limit 8 A If the temperature drops below 0 °C, all current limits will automatically increase to: 30 A for 12 V and 25 A for 24 V</p>			
	Vsup		Vmin	Vmax	
	12 V		10,5 V	16 V	Motor running
			6 V	16 V	Only CAN communication
	24 V		18 V	32 V	Motor running
			10 V	32 V	Only CAN communication
48 V	34 V	58 V	Motor running		
	24 V	60 V	only CAN communication		
Blue	- (GND) Connect Blue to negative				
Red	Extends the actuator	The signal becomes active at:			
Black	Retracts the actuator	<p>> 67% of V_{IN} (Brown wire)</p> <p>The signal becomes inactive at:</p> <p>< 33% of V_{IN} (Brown wire)</p> <p>Input current: 10 mA</p>			
Green	CAN_L	<p>Actuators with CAN bus does not contain the 120 Ω terminal resistor. The physical layer is in accordance with J1939-15.*</p> <p>Speed: Autobaud up to 500 kbps (CAN bus prior to version 3.0 up to 250 kbps)</p> <p>Max bus length: 40 meters Max stub length: 3 meters Max node count: 10 (can be extended to 30 under certain circumstances)</p> <p>Wiring: Unshielded twisted pair Cable impedance: 120 Ω (±10 %)</p>			
Yellow	CAN_H				
Violet	Service interface	Only BusLink can be used as service interface. Use the Green adapter cable			
White	Service interface GND				



* J1939-15 refers to Twisted Pair and Shielded cables.

The standard/default cables delivered with CAN actuators do not comply with this.

BusLink cables must be purchased separately from the actuator!

Find more information about the CAN bus actuators in the CAN bus user manual

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

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