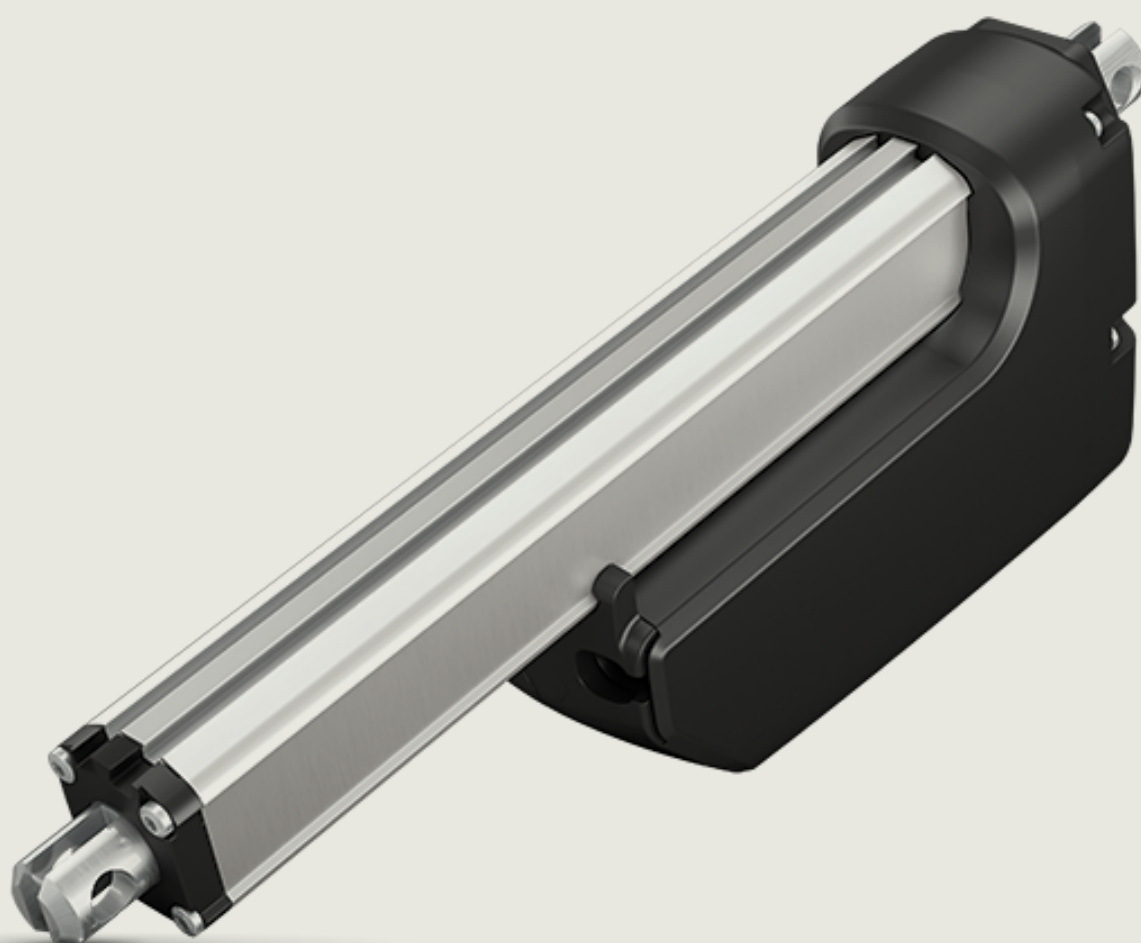


Actuator LA33
With CAN bus

Connection diagram



Connection diagram

33XXXXXXXXX003XXX=XXXXXXXX07XXXXXX

	12/24/48 V DC +	BROWN	Power	2		
	GND -	BLUE		1		
	Digital input HW Addressing pin 2	RED	Signal	2		
	Digital input HW Addressing pin 1	BLACK		1		
	Bus	GREEN		6		
	Bus	YELLOW		5		
	Data	VIOLET		4		
	Data GND HW Addressing pin 3	WHITE		3		



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	Compatible with the SAE J1939 standard. Uses CAN messages to command movement, setting parameters and to deliver feedback from the actuator. Actuator identification is provided using standard J1939 address claim or fixed addresses.				
Brown Connect to positive	12 - 48 V DC + (VCC)				Note: Do not change the power supply polarity on the Brown and Blue wires! Power supply GND (-) is electrically connected to the housing. Current limit levels can be adjusted through BusLink. 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
	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				
Black	Retracts the actuator				
Green	CAN_L				
Yellow	CAN_H				
Violet	Service interface				
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.

Terms of use

LINAK® takes great care in providing accurate and up-to-date information on its products. However, the user is responsible for determining the suitability of LINAK products for a specific application. Due to continual development, LINAK products are subject to frequent modifications and changes. LINAK reserves the rights to conduct modifications, updates, and changes without any prior notice. For the same reason, LINAK cannot guarantee the correctness and actual status of imprinted information on its products.

LINAK uses its best efforts to fulfil orders. However, for the reasons mentioned above, LINAK cannot guarantee availability of any particular product at any given time. LINAK reserves the right to discontinue the sale of any product displayed on its website or listed in its catalogues or in other written material created and produced by LINAK, LINAK subsidiaries, or LINAK affiliates. All sales are subject to the 'Standard Terms of Sale and Delivery for LINAK A/S' available on LINAK websites. LINAK and the LINAK logotype are registered trademarks of LINAK A/S. All rights reserved.