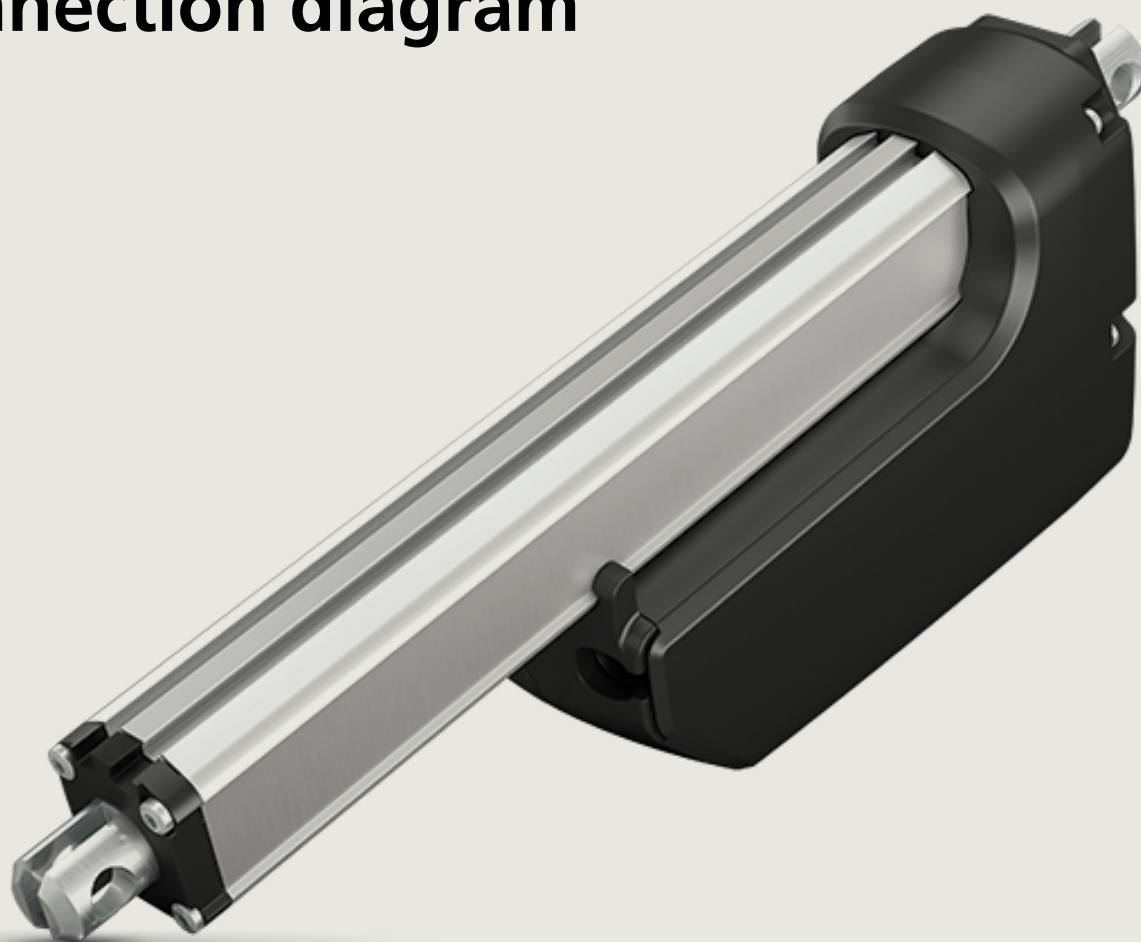


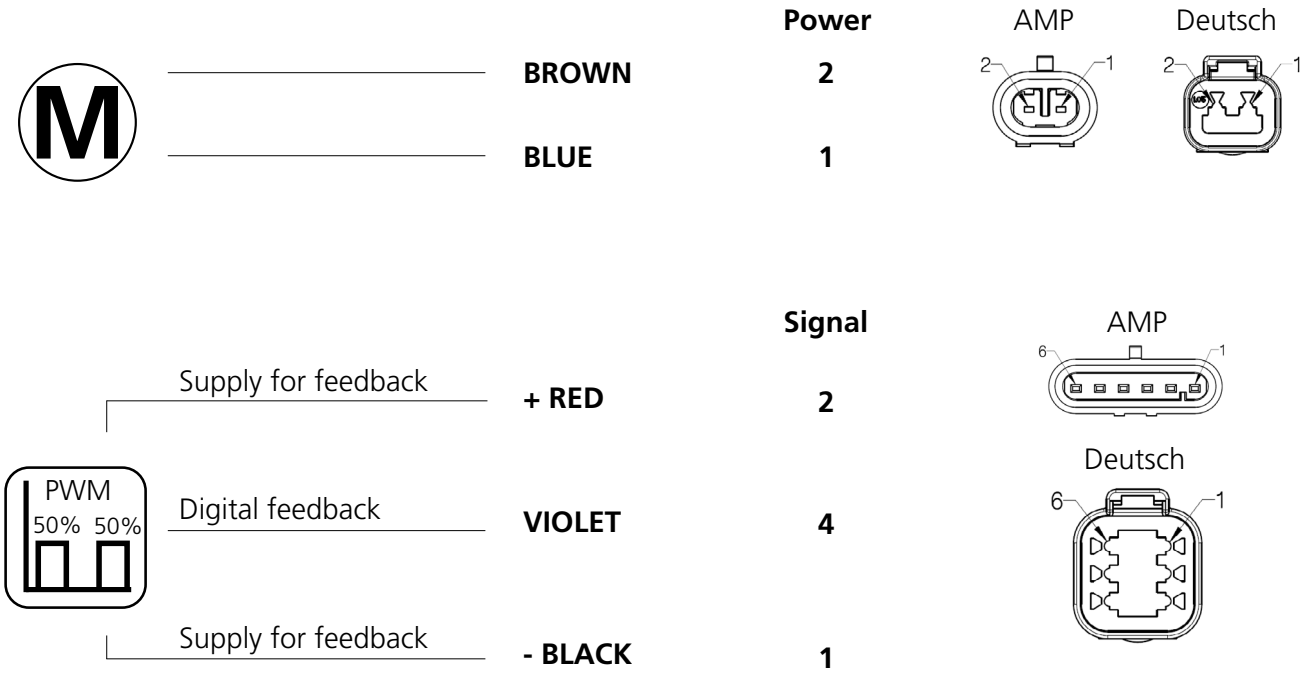
Actuator LA33
With absolute positioning -
PWM


Connection diagram



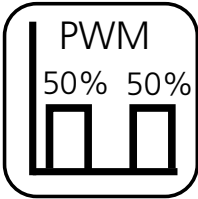
Connection diagram

33XXXXXXXXX0FXXX=XXXXXXXXXXXXXX



 The signal power must be turned on at all times when the actuator is running, and minimum one second before it starts to run.

I/O specifications

Input/Output	Specification	Comments
Description	The actuator can be equipped with an electronic circuit that gives an analogue feedback signal when the actuator moves.	
Brown	12 - 24 V DC (+/-) 12 V ± 20 % 24 V ± 10 %	To extend actuator: Connect Brown to positive To retract actuator: Connect Brown to negative
Blue	Under normal conditions: 12 V, max. 13 A 24 V, max. 9 A	To extend actuator: Connect Blue to negative To retract actuator: Connect Blue to positive
Red	Signal power supply (+) 12-24 V DC	Current consumption: Max. 60 mA during run and pause There will be accrued a higher inrush current
Black	Signal power supply GND (-)	
Green	Not to be connected	
Yellow	Not to be connected	
Violet	Digital output feedback (PNP) 10-90 % (Option 5) 20-80 % (Option 6)	Output voltage min. $V_{IN} - 2\text{ V}$ Tolerances +/- 2 % Max. current output: 12 mA Frequency: 75 Hz
White	Not to be connected	

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.