



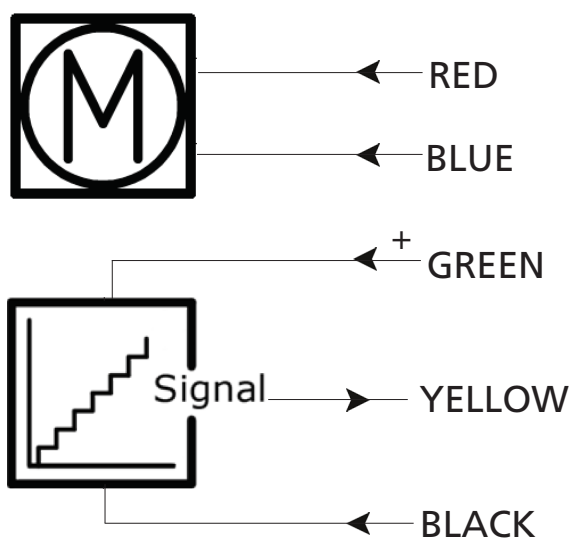
Actuator LA12

Absolute positioning analogue feedback

Connection diagram


Connection diagram

12XB/CXX-XXXXXXXXX0



Please be aware that if the power supply is not properly connected, you might damage the actuator!

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. See connection diagram, figure above	
Red	12 or 24VDC (+/-) 12V ± 20% 24V ± 10%	To extend actuator: Connect Brown to positive To retract actuator: Connect Brown to negative
Blue	Under normal conditions: 12V, max. 5A depending on load 24V, max. 2.5A depending on load	To extend actuator: Connect Blue to negative To retract actuator: Connect Blue to positive
Green	Signal power supply (+) 12-24VDC	Current consumption: Max. 60mA, also when the actuator is not running
Black	Signal power supply GND (-)	
Yellow	Analogue feedback 0-10V (Option B) 0.5-4.5V (Option C)	Tolerances +/- 0.2V Max. current output: 1mA Ripple max. 200mV Transaction delay 100ms Linear feedback 0.5% It is recommendable to have the actuator to activate its limit switches on a regular basis, to ensure more precise positioning
White	Not to be connected	
Brown	Not to be connected	
Violet	Not to be connected	

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