



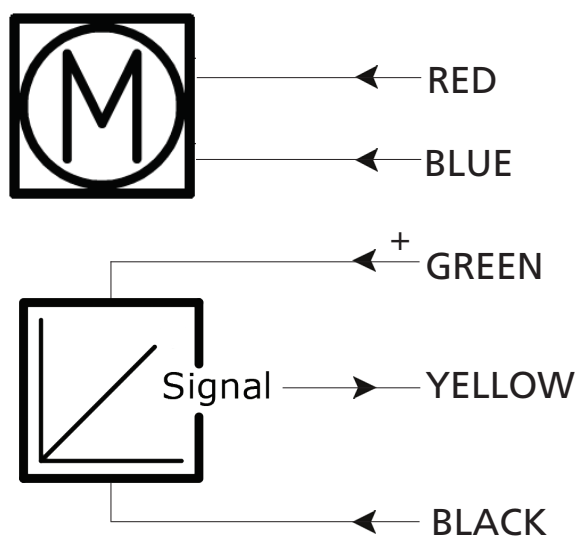
Actuator LA12

Absolute positioning mechanical potentiometer

Connection diagram

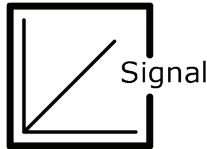
Connection diagram

12XPXX-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 a mechanical potentiometer that gives an analogue feedback signal when the actuator moves	
RED	12 or 24VDC (+/-) 12V \pm 20% 24V \pm 10% Under normal conditions: 12V, max. 5A depending on load 24V, max. 2.5A depending on load	To extend actuator: Connect Red to positive To retract actuator: Connect Red to negative
Blue		To extend actuator: Connect Blue to negative To retract actuator: Connect Blue to positive
Green	Signal power supply (+) 12-24VDC	+10V or other value
Black	Signal power supply GND (-)	
Yellow	Potentiometer feedback Slide potentiometer, 10 kohm 1 kohm = 0 mm stroke 11 kohm = 100 mm stroke The maximum effect: 0.1W	Linearity: \pm 20% Minimum lifetime: 15,000 cycles Average lifetime: 40,000 cycles Max. current output: 1mA
Violet	Not to be connected	
White	Not to be connected	
Brown	Not to be connected	

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