



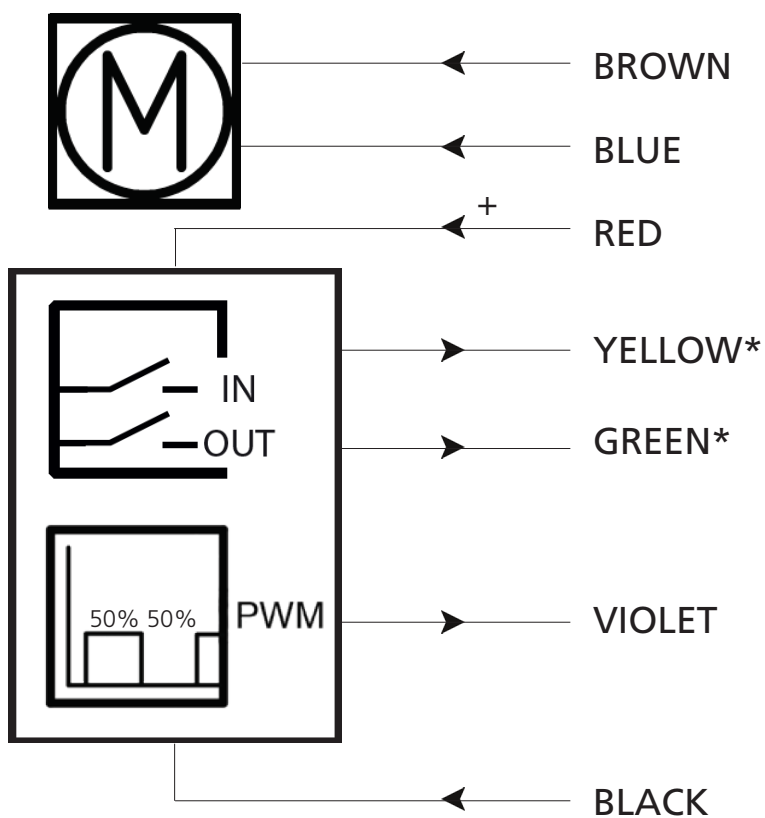
Actuator LA14

Endstop signals and absolute positioning - PWM

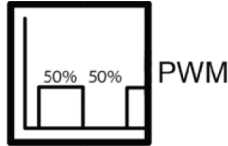
*Connection diagram*

# Connection diagram

14XXXXXXXXX0F0X0X=XX1XXXXXXXXXX



# I/O Specifications

Input/Output	Specification	Comments
Description	The actuator can be equipped with electronic circuit that gives an analogue feedback signal when the actuator moves. See connection diagram, figure above	
Brown	12-24VDC (+/-) 12V ± 20% 24V ± 10%  Under normal conditions:	To extend actuator: Connect Brown to positive  To retract actuator: Connect Brown to negative
Blue	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
Red	Signal power supply (+) 12-24VDC	Current consumption: Max. 60mA, also when the actuator is not running
Black	Signal power supply GND (-)	
Green	Endstop signal out	Output voltage min. $V_{IN} - 2V$ Source current max. 100mA NOT potential free
Yellow	Endstop signal in	
Violet	Digital output feedback (PNP) 10-90% (Option 5) 20-80% (Option 6) Special (Option F)	Output voltage min. $V_{IN} - 2V$ Tolerances +/- 2% Max. current output: 12mA  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	

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