



Actuator LA14

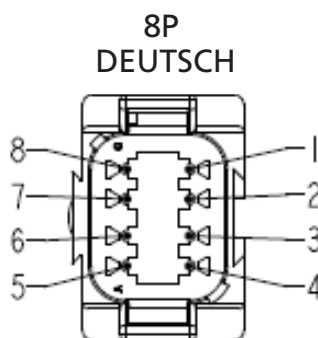
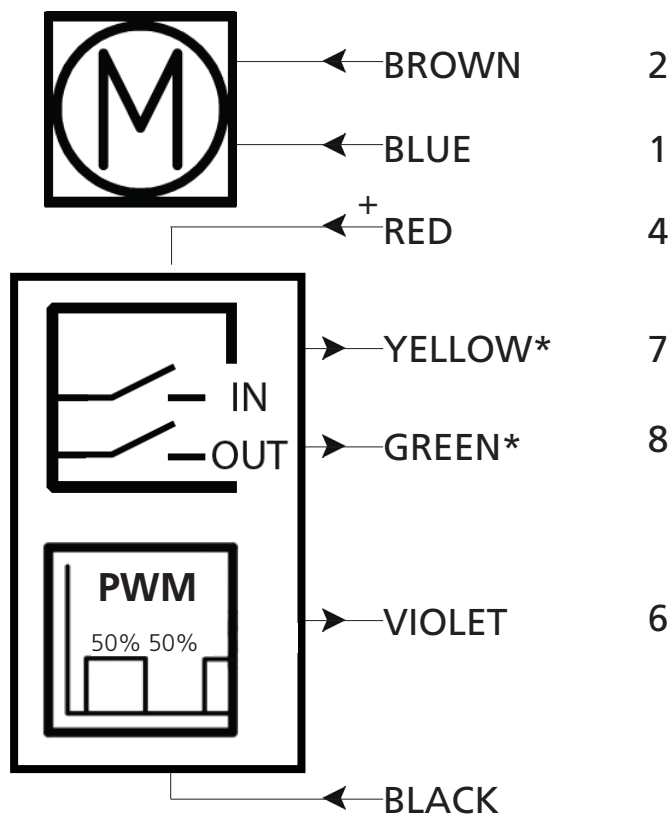
Endstop signals and absolute positioning - PWM

*Connection diagram*

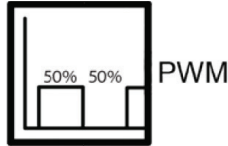
# Connection diagram

14XXXXXXXXX0F0X0X=XX1XXXXXXXXXX

Compliant with:



# 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	12-24 VDC (+/-) 12 V $\pm$ 20% 24 V $\pm$ 10%	To extend actuator: Connect Brown to positive To retract actuator: Connect Brown to negative
Blue	Under normal conditions: 12 V, max. 5 A depending on load 24 V, max. 2.5 A depending on load	To extend actuator: Connect Blue to negative To retract actuator: Connect Blue to positive
Red	Signal power supply (+) 12-24 VDC	Current consumption: Max. 60 mA, also when the actuator is not running
Black	Signal power supply GND (-)	
Green	Endstop signal out	Output voltage min. $V_{IN} - 2\text{ V}$ Source current max. 100 mA NOT potential free
Yellow	Endstop signal in	
Violet	Digital output feedback (PNP) 10-90% (Option D) 20-80% (Option E) Special (Option F)	Output voltage min. $V_{IN} - 2\text{ V}$ Tolerances $\pm 2\%$ Max. current output: 12 mA  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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