

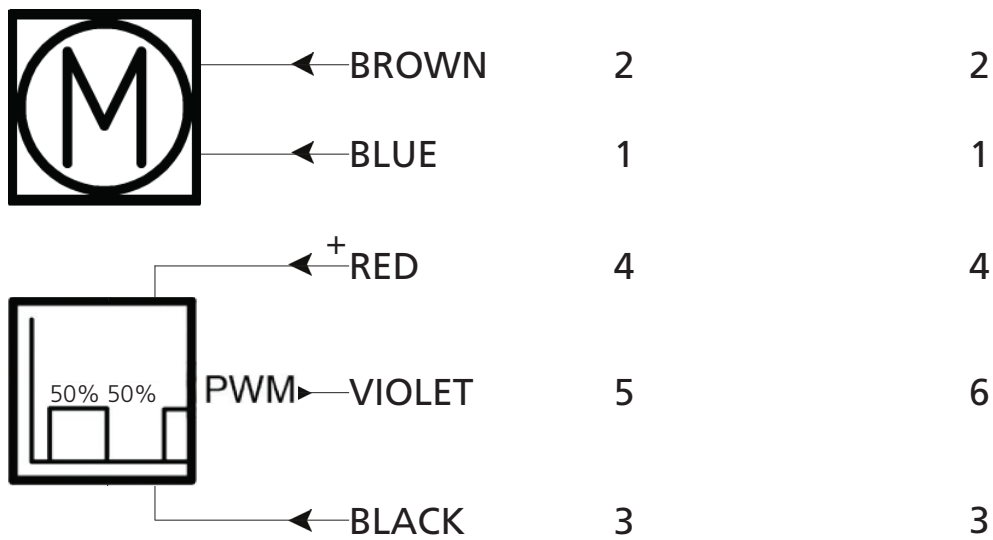


Actuator LA14
Absolute positioning - PWM
Connection diagram

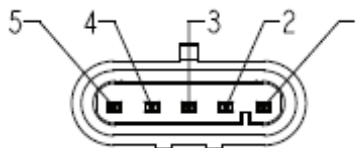
Connection diagram

14XXXXXXXXX0F0X0X=XX0XXXXXXXXXXXX

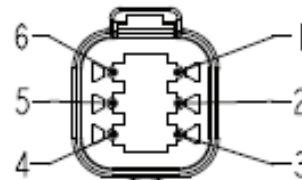
Compliant with:



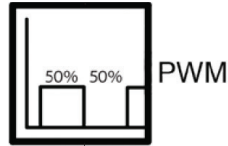
AMP
5P



DEUTSCH
6P



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. 40mA, also when the actuator is not running
Black	Signal power supply GND (-)	
Green	Not to be connected	
Yellow	Not to be connected	
Violet	Digital output feedback (PNP) 10-90% (Option D) 20-80% (Option E) Special (Option F)	Output voltage min. $V_{IN} - 2 V$ 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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