



Actuator LA14

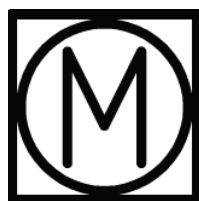
Absolute positioning - Analogue feedback

Connection diagram

Connection diagram

14XXXXXXXXX0A0X0X=XX0XXXXXXXXXXXX

Compliant with:



← BROWN

2

2

← BLUE

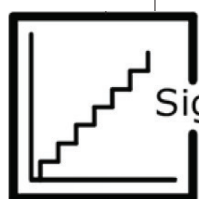
1

1

← + RED

4

4



Signal → VIOLET

5

6

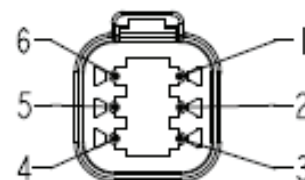
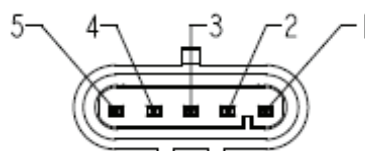
← - BLACK

3


3

5P
AMP

6P
DEUTSCH



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 ± 20% 24 V ± 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	Not to be connected	
Yellow	Not to be connected	
Violet	Analogue feedback 0-10 V (Option A) 0.5-4.5 V (Option B) Special (Option F)	Tolerances +/- 0.2 V Max. current output: 1 mA Ripple max. 200 mV Transaction delay 100 ms Linear feedback 0.5%
	4-20 mA (Option C) Special (Option F)	Tolerances +/- 0.2 mA Transaction delay 20 ms Linear feedback 0.5% Output: Source Serial resistance: 12 V max. 300 ohm 24 V max. 900 ohm
	For all analogue feedbacks 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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