

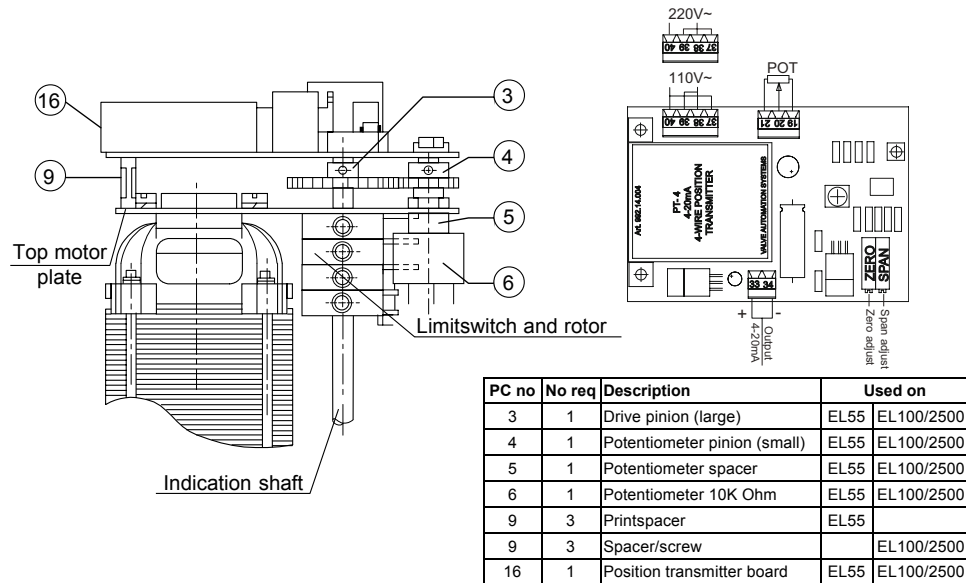
Data sheet

Sheet No.: 5.205.02 Rev. B

Date: January 2011

EL ACTUATOR WITH mA POSITION TRANSMITTER, 4-WIRE (Kit option)

PT4



Description

This electric actuator variation provides a continuous position indication by transmitting a 4 to 20 milli-Amp signal, this is proportional to the output shaft position.

This 4 wire version consists of a potentiometer and an electronic card complete with a dual voltage (AC.) power transformer, fed from the actuator's own incoming power supply.

The remaining two wires are used for the output position signal.

The card is equipped with trimmers for zero and span adjustment and terminals for the internal and external connections.

Construction

The potentiometer and circuit board located on the top motor plate are wired as shown, using the board's own terminal strip.

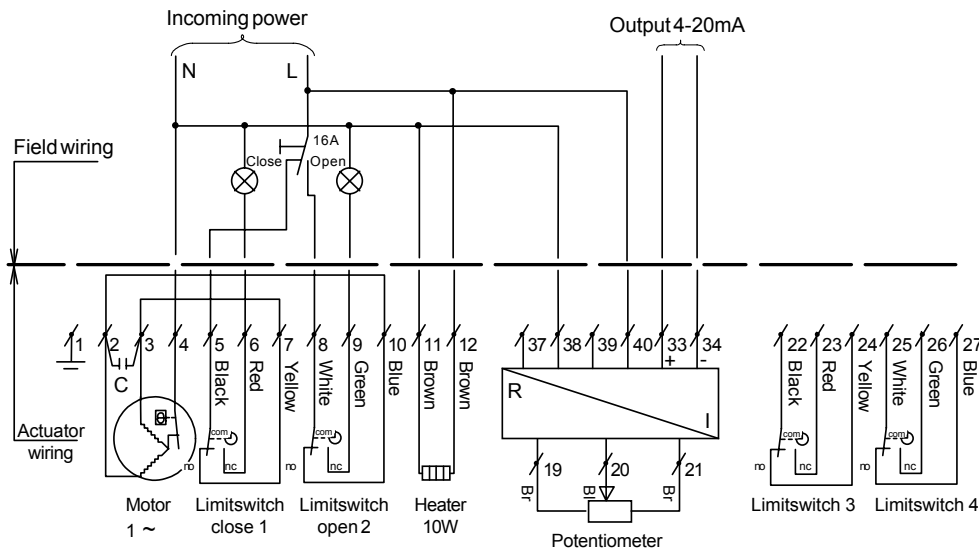
Specification

- Input : 110 or 220 V 50/60 Hz.
- Output : 4 to 20 mA, with adjustable zero and span
- Temperature : -20°C to +70°C
- Potentiometer : 10KΩ (see sheet 5.202)

Identification

- Factory Option : Add "+ PT4" to the basic actuator size
: eg. EL100 220/50 + PT4
- Kit Option : Actuator size is added to: "Kit, PT4"
: eg. Kit, PT4/EL55 220/50

- Note**
- 1) When supplied as a kit option, all the components as shown are included, together with an instruction sheet
 - 2) Wiring diagram is shown with actuator in mid position
 - 3) Wiring diagram for EL55 220V/50Hz + PT4



EL-O-MATIC

www.El-O-matic.com

Copyright © Emerson Process Management. The information in this document is subject to change without notice.

Updated data sheets can be obtained from our website www.El-O-matic.com or from your nearest Valve Automation Center **USA**: +1 813 319 0266 **Europe**: +31 74 256 10 10 **Asia-Pacific**: +65 6501 4600



EMERSON
Process Management