



Description

This electric actuator option controls the speed of the ELQ-actuator. It has an electronic card and a feedback potentiometer. The electronic card is equipped with an initialization button, a potentiometer and a switch for speed range selection. A two speed range selection is made with a "linear/pulse" switch and further fine adjustment made by means of a potentiometer. The linear setting is for the "high" speed range (shorter cycle times) and the pulse setting is for the "low" speed range (longer cycle times).

Construction

The speed control card (1) is mounted on top of the mainboard (2). The feedback potentiometer (3) is mounted in the limit switch assembly (4) on top of the mainboard. The potentiometer is driven by the indicator shaft (5) and an intermediate gear in the limit switch assembly. The potentiometer connector (6) is plugged in to the speed control card.

Specifications:

Temperature : -4.0° to +158°F

Identification

- Factory Option : Add "+ Q-SC" to the basic actuator size.
: eg. ELQ100 + Q-SC
- Kit Option : Actuator size is added to: "Kit, Q-SC"
: eg. Kit, Q-SC/ELQ100

Variations

: A combination of cards also can incorporate position transmitters, status information etc.

Note

- 1) When a combination of two options is needed, both of which need a feedback potentiometer, the second plug from the double potentiometer can be used.

Important:

With the speed control the cycle times can be fixed, this means that during the cycle time variations in the speed may occur, depending on the load.

Cycle times speed control option				
Type	Linear (sec)		Pulse (sec)	
	Min.	Max.	Min.	Max.
ELQ100	6	11	11	88
ELQ200	8	15	15	120
ELQ300	13	24	24	200
ELQ500	17	31	31	240
ELQ800	28	51	51	400