



V-Tork VTM Electric Actuator 120 VAC 4-20mA Modulating with Battery Backup

	120VAC		4-20mA IN		4-20mA OUT		FAULT		
	L	N	+	-	+	-			
1	2	3	4	5	6	7	8	9	10
Power Supply		Modulating Control		Aux. Contact					

NOTE: If this actuator was supplied mounted to a valve, it has been calibrated and cycle tested for accuracy by Legacy Flow Control.

120 VAC Power Supply:

Ground to Terminal 1, Line/Hot to Terminal 2, Neutral to Terminal 3

4-20mA Input Control:

(+) to Terminal 4 and (-) to Terminal 5

4-20mA Output Signal Feedback:

(+) to Terminal 6 and (-) to Terminal 7

FAULT:

Ports at terminals 8 and 9 will connect when the product fails to work.

PASSWORD:

For calibration, the password has been set to 006.

FAILURE MODES:

1. Modulating (4-20mA) actuator with no battery – fail close on loss of signal. Fail in place on loss of power.
2. Modulating (4-20mA) actuator with battery – fail close on loss of signal. Fail close on loss of power (unless specified while ordering).

MANUAL OPERATION:

This actuator is equipped with a clutchless manual override. If manual overriding is attempted with power ON and in the “REM” (remote) setting, the actuator will continue to move to the last signal position it was given. With no power, the actuator can be overridden. To open valve, rotate handwheel CCW direction. To close valve, rotate handwheel CW direction. With power still on actuator, it must be placed into “LOC” (local) control for the handwheel and override to be effectively engaged.