

Exchange Model 362 Shot Flow Controller with Model FC Shot Flow Controller

Electronics Incorporated

	362 Controller	Customer Cable Color or Wire Number	FC Controller	
17	Power Neutral		Power Neutral	1
18	Power Hot		Power Hot 120 Vac	2
12	Enable 120 Vac		Enable 120 Vac	3
13	Alarm Reset 120 Vac		Alarm Reset 120 Vac	14
			Preamp (+) 12 Vdc	5
			Preamp (-) 12 Vdc	6
15	MagnaValve (+)		MagnaValve (+)	7
16	MagnaValve (-)		MagnaValve (-)	8
			(not applicable)	16
1	Flow Sensor Input		Input voltage (0-5Vdc)	17
2	Input Common		Input Common	18
3	Remote Setpoint Input		Remote Setpoint Input	10
4	Recorder Output		Recorder Output	20
9	Alarm contact common		Alarm contact common	12
10	Alarm contact "Hi"		Alarm contact "Hi"	11
11	Alarm contact "low"		Alarm contact "low"	13
14	Power transformer		(not applicable)	
22	Power transformer		(not applicable)	

Note: 362 Controller was used with older model MagnaValves® which had a flow sensor with frequency type output signal (11,400 Hz - 10,000 Hz) for pounds per minute controller display. The FC controller uses a dc voltage (0-5Vdc) from the MagnaValve preamp as a feedback signal for better noise immunity.

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