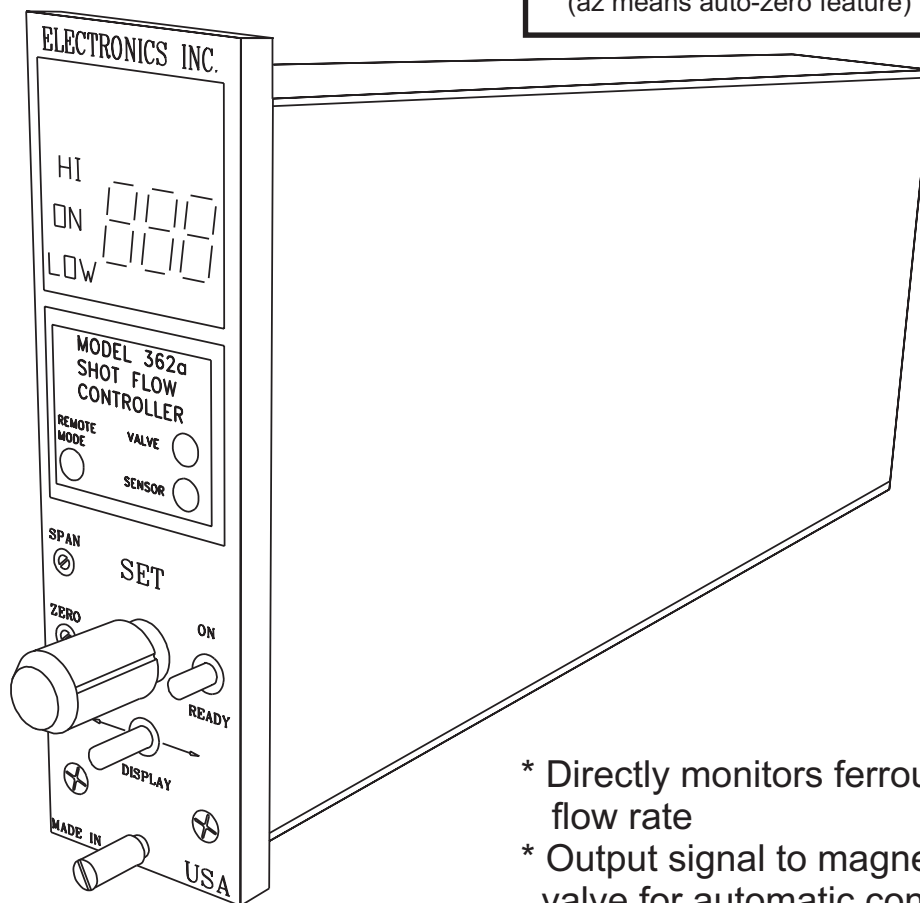


* MODEL 362az CONTROLLER *

362az-R is for Rack mounting (shown)
362az-P is for individual panel mounting
(az means auto-zero feature)



- * Directly monitors ferrous flow rate
- * Output signal to magnetic valve for automatic control
- * Local/remote mode
- * Dual High-Low alarms
- * Provides analog recorder output

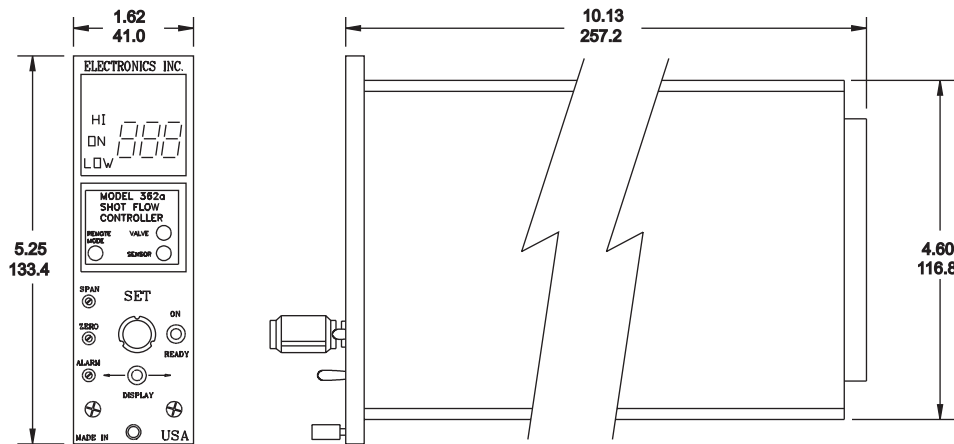
The Model 362a Shot Flow Controller will monitor and control steel shot or grit flow rate for wheel or air type peening or cleaning operations. A special inductive sensor is used to monitor flow rate, and this information is compared to the desired setpoint. An output signal is generated to operate a magnetic valve and thereby regulate the flow rate to the correct amount.

The front panel setpoint may be spanned to accommodate suction type systems (10lbs/min.), pressure pot systems (20lbs/min.) or wheel systems (999lbs/min.). The dual alarms are floating, they track the setpoint. Any abnormal flow rate outside of the adjustable deadband will signal the alarm relay.

A remote command such as from a computer or programmable controller may be used in place of the front panel setpoint when the remote mode is selected.

ELECTRONICS INCORPORATED

* MODEL 362az CONTROLLER *



R = Rack mount
P = Panel mount

Cable to MagnaValve
Belden 9773 3 pair shielded 18 awg
or equal.
Connect shield to terminal 2 only

"R" STYLE

"P"-STYLE
W = 2.00
H = 5.75

When connecting to MagnaValves with 0-5 Vdc output be sure the freq/volts switch inside the 362 is in the volts position.
See application note 102 for old units that required extra power supply to support the MagnaValve pre-amp.
See application note 133 or 147 for newer units that have a stronger internal power supply to support MagnaValve pre-amp.

See U-1A sleeve for single "P" style mounting
or 370 Rack for multiple "R" style units .

SPECIFICATIONS

Input : 120Vac ,20VA 50/60Hz

Output : PWM DC signal

Flow range : 10.0 to 999 lbs/min.

Remote setpoint : 0-10Vdc

Alarm output : mechanical relays
115 Vac / .5 amp

Temp. Range : 70 - 110 F

Alarm reset : 120Vac momentary

Control enable : 120Vac maintained

Remote mode : 120Vac maintained

