

* MODEL 279 MagnaValve *



- * Air pressure shot peening
- * Variable flow rates
- * No moving parts
- * Steel shot

- * 0 - 100 lbs/min range
- * Normally closed
- * Requires MC Flow Controller or equivalent

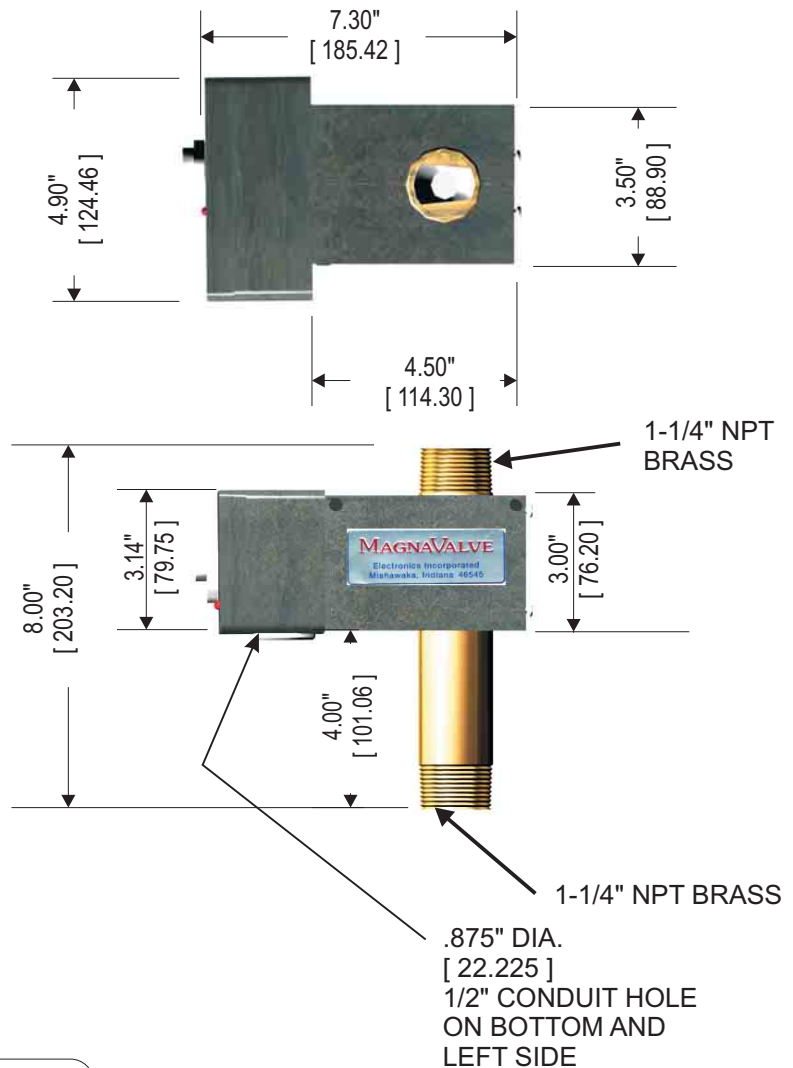
The Model 279 MagnaValve is a normally closed magnetic valve suitable for regulation of steel shot. Used with the Model MC Shot Flow Controller, the MagnaValve will provide accurate and repeatable flow rates over a 2 - 100 pounds-per-minute flow range.

The valve construction includes a permanent magnet for normally closed operation and an electromagnet for controlling shot flow rates. By regulating the voltage to the electromagnet, any desired flow rate may be achieved. When power is off, the valve will hold shot due to the permanent magnet.

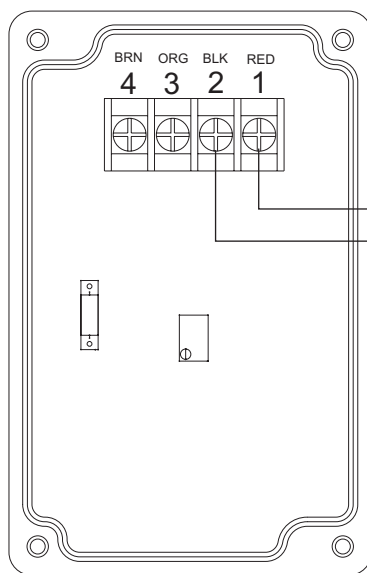
ELECTRONICS INCORPORATED

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SPECIFICATIONS	
SENSOR	
Power :	+12Vdc @ 100mA max. : -12Vdc @ 60mA max.
Display :	None
Output :	0 - 5Vdc
Adjustments :	Zero, Span
Accuracy :	+/- 5% (of full scale)
VALVE	
Input :	+50Vdc @ .78A
Output :	0 - 100 lbs/min
Pressure Range :	100 PSI
Media:	Steel shot
Mode:	Normally closed
Temp. Range :	40 - 110 F 5 - 41 C
Weight :	7 lbs



Note: The Magnavalve is designed to operate in a vertical position and must be mounted within 5 degrees of vertical.



VALVE POS
VALVE NEG

CUSTOMER CONNECTIONS

CABLE
2 WIRE CABLE
CONNECTION
USE MTW 16 AWG
OR EQUAL

VD9 Valve Driver

279CDATA.CDR 02/18/2003