



Proven Performance
for Over 50 Years

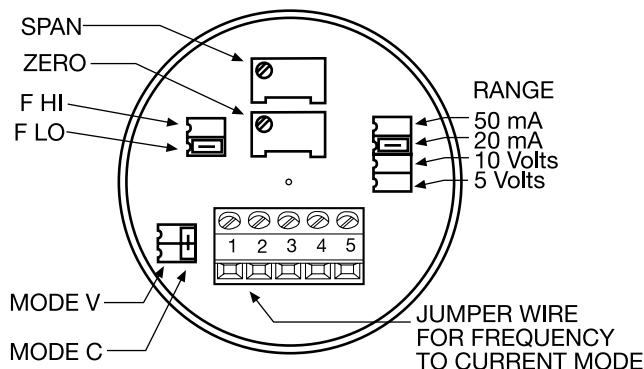
Digital to Analog Converter

DESCRIPTION

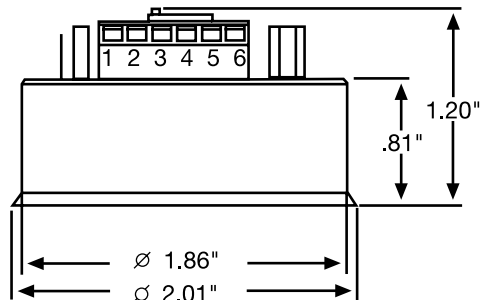
The converter has been configured to fit a compact "Y3" explosion proof enclosure. Input and output configurations are field selectable to fit most applications.

ZERO and SPAN adjustments make it easier to calibrate to almost any measurement range, with no interaction between the adjustments. All inputs and outputs are fully protected against shorts to supply or ground, and reversed supply leads.

MODEL 92-251 AND MODEL 92-253



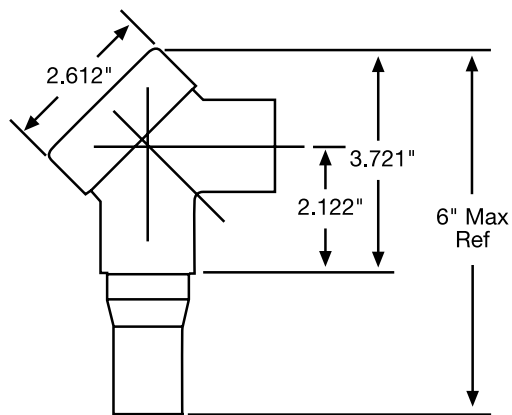
Specifications		
	92-252	92-250
Converter & Carrier Supply Voltages:		
Min:	11.0 VDC	11.0 VDC
Max:	30.0 VDC	38.0 VDC
Current (max.):	25 mA	
Input Protection:	50 Vac	
Frequency Input Range:		
Hi:	max full scale 12.8 KHz min full scale 1300 Hz	
Low:	max full scale 1500 Hz min full scale 115 Hz	
Input Sensitivity:	Standard 50 mVpp	
Output Protection:	Short to +VDC or Common Continuous	
Response Time:	Full Scale change to 95% of final value 180m sec	
Output Ripple and Noise:	5 mVpp, <2 mV rms, .05% of F.S.	
Temperature Coefficient:	25° to 40°C, 0.13%/°C, 13 mV/°C on 10V range	
Explosion Proof Rating: Models 92-250 & 92-252 Only	Class I, GR.C,D Class II, GR.E,F,G Class III	



TERMINAL CONNECTIONS:

1. + Power Supply
2. - Power Supply (Common)
3. Signal Output
4. Pick Off Input
5. Pick Off Input
6. Carrier Supply Voltage

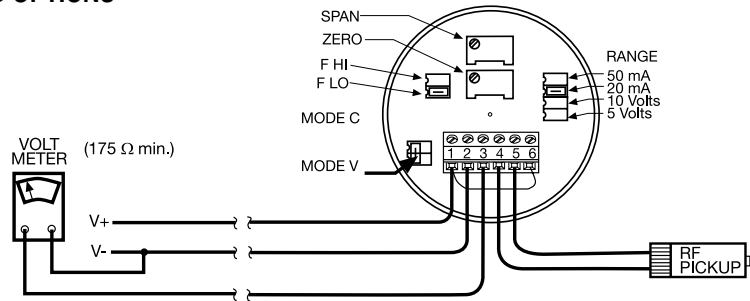
MODEL 92-250 (INCLUDES 92-251) AND MODEL 92-252 (INCLUDES 92-253)



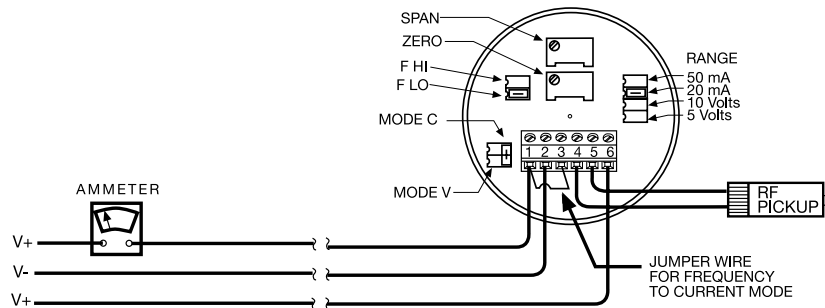
Digital to Analog Converter

92-253 / CARRIER SIGNAL CONDITIONER: WIRING OPTIONS

VOLTAGE MODE 1
 RANGE: 5V or 10V
 MODE: V
 FREQ.: Jumper Selectable

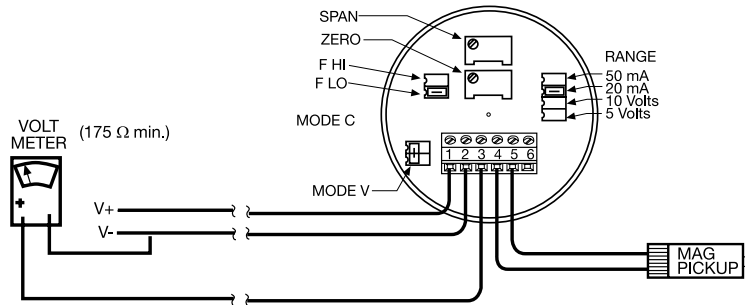


CURRENT MODE 1 (3-wire)
 RANGE: 10-50mA or 4-20mA
 MODE: C
 FREQ.: Jumper Selectable

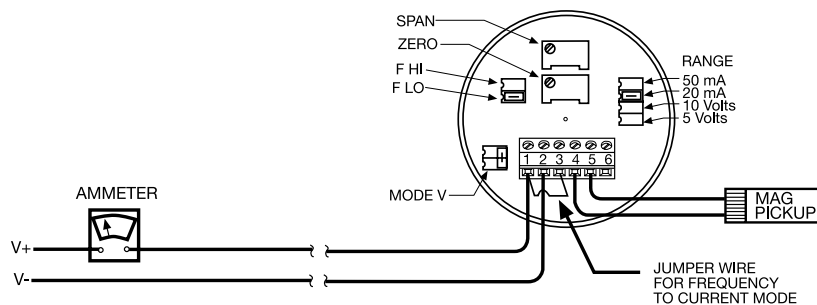


92-251 / MAGNETIC SIGNAL CONDITIONER: WIRING OPTIONS

VOLTAGE MODE
 RANGE: 5V or 10V
 MODE: V
 FREQ.: Jumper Selectable



CURRENT MODE (2-wire)
 RANGE: 0-50mA or 0-20mA
 MODE: C
 FREQ.: Jumper Selectable



For more information, contact COX Instruments
 or your local COX Instruments representative.



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