

INSTALLATION & OPERATION
MANUAL

PRE-AMPLIFIER
FOR MODEL 1100 TURBINE METER
PART No. 220262
REV. B

GENERAL DESCRIPTION:

The solid state electronic pre-amplifier converts a low level signal into a stable square wave pulse, thus extending the application range where higher signal level are required, and will eliminate electrical noise interference. The unit is D.C. powered and requires three wires.

SPECIFICATION:

- Input Signal: 25 mV to 30 Volts @ 5-5000 Hz
- Output Signal +5 to 10.0 Volts peak to peak square wave
- Temperature: -20° F to + 160° F
- Power Required +5 to 28 Volts D.C. @ 15 mA
- Distance Specification: Between pick-up and preamplifier = 50 ft. max. (two wire no. 18, twisted shielded pair)
Between pre-amplifier and receiving unit = 1000 ft. max. (two wire no 18, twisted shielded pair)
- Electrical connection Terminal Strip
- Housing Epoxy encapsulated module
- Conduit Connection Rigid 1” male NPT

WIRING INSTRUCTIONS:

Terminal	Description	Notes
1	Power	+5 to 28 V D.C. @ 15 mA
2	Common	Power Return
3	Output Signal	+5 to 10 V Square Wave
4	Input	Mag Pick-up
5	Input	Mag pick-up

DIMENSIONAL DATA: