**TYPICAL INTERFACING**

```
BEEDER  TELE  MODEM  NULL
PC      MODEM  TELE  MODEM  NULL
```

**TYPICAL INPUT CONNECTIONS**

- DC, AC, PULSE
- T/C
- RTD
- POTENTIOMETER
- STRAIN GAGE

+ mV/Hi
- T/C/Lo
+ mV/COMP
+ Exc

**GENERAL NOTES**

The model number determines analog input/output type. To configure refer to SCADA program help and SPM configuration notes.

**OPERATIONAL NOTES**

Typical current draw:
- A) STANDBY - 270µADC
- B) PROCESSING - 12 MA DC
- C) COMMUNICATING - 30 MA DC

Memory is 32K protected for 1 year.

Operating voltage range: 9 to 25 VDC

Operating temperature: -20/180 DEG F

Contact rating is 28 VDC, 28 VAC @ 1 AMP NON-INDUCTIVE.

All MDC, VDC, VAC input devices, unless originally specified to be zero crossing, are initially set to a zero input base, i.e., a 1/5 VDC input is factory set so that the actual input range is 0/5 VDC. Zero/full scale engineers can be set to any points in between.

All MDC, AAC devices require an external shunt.

Installation notes - important

For input distance greater than 50 feet, use standard approved methods for protecting the lines from transients. When using RS232, do not use cable longer than 50 feet. Relay contacts must have arc suppression (transorbs, RC, MOV etc.) added at the load being controlled. For information refer to General Semiconductor @ (602) 988 3101 for technical support.