



WATCHDOG Cellular Electronic Controller Technical Specifications

Power:

- 12V DC nominal
- 85mA typ. power consumption with modem plus Cellular Phone 220mA standby, 1.5 A Transmit

Input / Output:

- 4 differential analog inputs
- 2 single end inputs with 12 bit resolution
- 4 switch closure inputs
- 8 driver outputs @1.5A peak / 500mA continuous

Memory:

- 8K CPU Eprom
- 64K nonvolatile program and log memory (expandable to 512K)
- Optional Programs for well control and gas measurement

Physical:

- Gray fiberglass enclosure with left hand hinged door.
- Lockable door clasp.
- 12 x 10 x 6-1/2 physical size

Environmental:

- 20 to +120 F operating temperature

Accessories:

- Solar Panels, batteries, switch closure sensors

Communication:

- Hayes compatible modem 2400 Baud through Cellular phone system

Operator Interface:

- 16 Key sealed keypad (numeric w/operator functions)
- 16 x 2 line alphanumeric LCD display
- Standard Cellular phone handset for voice communication

Program Operation:

- Switch closure on normally open input or programmable pressure limits cause unit to dial up to 4 pagers and place numeric message on pager.

Multi reserves the right to change or update these specifications at any time without prior notification.