



Scout-PC

F1

F2

F3

Industrial Pump Controller and Alarm Dialer

Two powerful and proven products —
one simple, superior solution.



The Scout-PC provides superior simplex/duplex pump control from a dedicated Mercoird Pump Controller and alarm notification/monitoring from an Antx Scout alarm system.

And because convenience and productivity are always a factor, you can get your information off the Internet via the Antx Tracking system by adding the GSM cellular option — all your alarms, historic data and acknowledgments are accessible from the Internet. You can even change your setpoints with the click of a button!

Reliable, Remote Data Management

Manage your remote pump station by calling in to retrieve current and historical pump run-times or change control and alarm setpoints.

Control Features

- Duplex or Simplex operation
- Simple wiring
- Over-temperature alarms
- Seal failure alarms
- Fill or Drain application
- Independent on/off setpoints for each pump
- Alternation or Lead/Lag operation
- Selectable time delay to prevent both pumps from starting at the same time
- 4-20ma retransmission of level for recorders or other devices
- 24VDC Loop power provided
- 2-10A SPDT relays for pump control
- 2-3A relays for local alarms
- Controller is totally independent from alarm dialer
- Continuous sensor calibration
- Open-loop or sensor fault detection
- Built-in controller test function
- Current level, setpoint and pump run-times displayed in large LEDs
- LEDs for alarms, pumps active, seal failure and over temperature
- Password protection

Alarm and Monitoring Features

- No wiring
- Current and historic run-times of each pump
- Current and historic high- and low-level recordings
- Remote call-in to change level setpoints
- Remote call-in to retrieve current and historic run-times and current level
- Alarm calls to 8 phone numbers
- Battery backup
- Optional cellular phone with or without Internet reporting
- LCD display on alarm system to view historical data
- Event log records all alarms, calls, acknowledgments and more
- Password protection
- Alarm on:
 - High and low level
 - Seal failure
 - Over temperature
 - Sensor failure
 - Sensor calibration bad
 - Controller self test failure
 - Primary power failure



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Specifications

POWER SUPPLY

120VAC

Power consumption:
8.7VA max

Backup battery on alarm system:
16 hours

Loop power:
Isolated 24VDC @ 50ma

ENVIRONMENTAL

Operating temperature:
14° to 131°F

Operating humidity:
0-90% to 104°F non-condensing

PHYSICAL

NEMA 4X enclosure:
13.75" H x 12" W x 6.5" D

Weight:
7.2 lbs.

INPUTS AND OUTPUTS

Pump relays:
10A @ 240VAC

Alarm relays:
3A @ 240VAC

Level sensor input:
0-20ma, 4-20ma, 0-10VDC or 2-10VDC

Seal failure (moisture sensor):

Power to sensor:
2.5VDC

Resistance sensitivity:
10K to 500K ohms @ 10k steps

Over temperature:
Dry contact

WARRANTY

1 year

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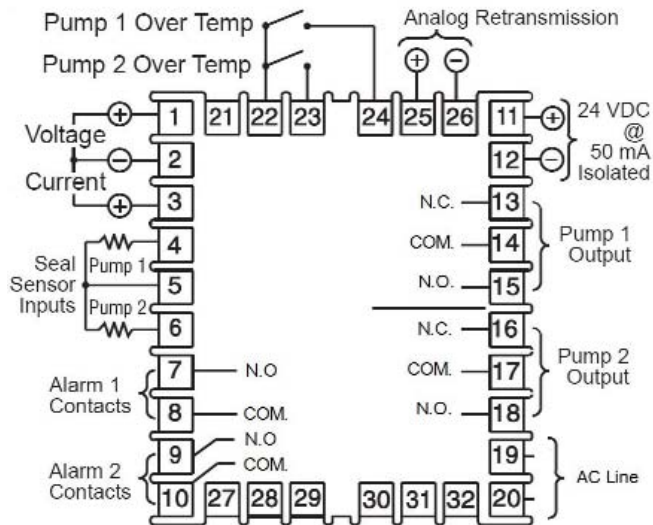
Want your information on the internet?

Add the GSM cellular option and all your alarms and historic data are available from the Internet via the Antx Tracking system. You can even change your setpoints with the click of a button! Data can be automatically sent to the Antx Tracking system up to every 15 seconds if needed.

Applications

- Wastewater – lift stations
- Water – tower control, well control
- Agriculture – irrigation
- Golf courses – water transfer
- Landfill – leachate level management
- Industrial – chemical delivery
- Tanks – inventory management

Wiring Diagram



Controller is totally independent from alarm dialer.

