700 Multi-Point Sampler

Programmable Solenoid valve switching control allows the user to monitor up to 16 separate sample lines

Optional data logger software

Description

The CAI 700 multi-point sampler was developed to allow users to monitor multiple sample streams with a single analyzer which increases real time data while minimizing costs. The sequencer, provided in a compact, modular enclosure enables sequential analysis of up to 16 points

A single-board microcontroller with a microchip CPU and 7.0 I TFT LCD color touch screen monitor give the user the ability to easily and quickly program and manage data, solenoid valve timing and graphics. Modbus TCP/IP and Ethernet connectivity provide direct interface to a network or laptop computer

Features

- Available for 4,8,12,or 16 sample points via programmable solenoid valve switching
- 7” TFT LCD touch screen
- Displays the active sample point with time remaining countdown
- Selectable sample time and sample stream Identification
- Manual override during sequencing
- Local/remote control
- Alarm displays
- Sample is continuously drawn into sequence with bypass pump to keep non active sample fresh and mazimize response time
- Unit Supplied in 19” rack mountable enclosure

Applications

- Process control
- Fermentation
- Gas leak detection
- Area safety monitoring
- Emmissions monitoring
- Pharmaceutical

Specifications

Ranges—Between 2 and 16 sample points
Wetted Parts—PTFE/316 SS/Viton
Sample Valves—24 VDC, 7 watts, SS body, Viton seals and seats
Sample bypass pump—9.5 LPM, SS head
Ambient temp range—5 to 40 degrees C
Cooling—fan
Dimensions—17” W x 7” H x 22”D
Weight—25 lbs
Power—115 VAC, 60 HZ, 3 amps
Communications—Modbus, TCP/IP ehernet, digital I/O

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