MODEL

FT3

Data Logger

HIGHLIGHTS

- Quick access from the meter's front panel or through RS485 Modbus
- 31 records auto-update at each new interval

FOX THERMAL

76.33 NM3/H
Tot=12517.3 NM3

OIL & GAS | INDUSTRIAL | BIOGAS | WASTEWATER

DATA LOGGER OPTION

DATA LOGGER FOR THE FOX MODEL FT3 THERMAL MASS FLOW METER

RECORD FT3 DATA

The Model FT3 offers an option to have a data logger mounted on the front panel board that can be used to record FT3 data. Data that may be recorded includes the interval total which is based on the selected flow units in the meter (total mass flow or total volumetric flow). These data may be recorded at a rate specified by the customer ranging from 1 second to 1 month in hour/minute/second intervals.

The FT3 Data Logger supports a total of 31 records and is set as a default for a 24 hours sample interval and a start/synch time of midnight. When the number of samples reaches over 31, the old data will be overwritten. Only the last 31 records are kept.

This option may be retrofitted for existing FT3 customers. Fox Thermal will provide an upgrade kit that includes an upgraded display board, firmware upgrades, and easy instructions for completing the process.

FEATURES

DATA LOGGER FEATURES

The following features can be found with the Data Logger option available on the Fox Model FT3 Thermal Gas Mass Flow Meter:

- 31 separate 24-hour daily totals are required with date and time stamp
- Daily totals data can be accessed over RS485 Modbus and on the Engineering Display
- After 31 days, old data will be written over; however, the most recent 31 daily totals will always be available
- The default start time for the 24-hour total will be midnight; however, the operator may set the start time through the front panel
- Operator may set the local time through the front panel
- Field retrofits with Data Loggers require exchanging the current display board and upgrading the main FT3 board firmware

CONFIGURE DATA LOGGER USING RS485 MODBUS

The FT3 Data Logger can also be configured using MODBUS. Using MODBUS, the operator has the ability to:

- Select Records
- Read Records
- Clear Data Log