Instrument Security Procedures

Model:

Fluke 66, Fluke 68, Fluke 68IS

Product Name:

Noncontact thermometer

Instrument Description:

Noncontact thermometer

Memory Description:

These products use a microcontroller unit (MCU) named 68HC05L16 which has on-chip ROM and RAM. They also have an additional EEPROM. The calibration data is stored in both the ROM and the EEPROM memory accessed through a serial programming interface of this MCU. Calibration constants for the unit, stored in ROM and EEPROM, are generated when the unit is sent through its calibration process. These constants are fundamental to the operation of the unit. They are not accessible to the customer.

Data collected during operation of the unit is lost once the unit returns to its standby state unless customer select “LOG” mode. At this mode, up to 12 data will be stored in the meter.

Some settings of this meter may be stored after being changed, including HAL/LAL status, HAL/LAL value, and EMS value.

Memory Cleaning Instructions:

Note: Only use LOG clear function if you want to clear all the LOG location data that is stored in the unit’s memory.

To use LOG clear, while in LOG mode, pull the trigger then press ▼ until the unit reaches LOG location “0”.

Note: This can only be done when the trigger is pulled. LOG location “0” cannot be accessed by using ▲.

When LOG location “0” shows in the display’s lower left corner, press LOG. Three tones sound and the LOG location automatically changes to “1”, signifying that all data locations have been already cleared.

If customer did not want to store HAL/LAL status, HAL/LAL value, and EMS value settings, please reset those settings to a random number before releasing the trigger, following the instruction of manual.