

Signet

3-8900 Multi-Parameter Controller Troubleshooting Guide

The 8900 communicates with the user to notify when something is wrong, and to inform of tasks underway. This appendix lists all of the messages that may appear during operation, and describes the purpose of the message.

This is the title screen when the unit is powered on.	8900 Multi-Parameter	Too Much Error CHECK SENSOR	The calibration offset is limited in most measurements. The adjustment entered exceeds the maximum value.
This message is displayed after saving a new selection for a menu item.	Saving	Must Have More Than 1 Point	These messages refer to the points required to calculate the volume when choosing a custom volume tank shape. (3 minimum, 20 maximum)
This is displayed when going from any submenu to the main menu directory.	Returning to Menu Directory	Must Have 20 or Fewer Points	
This is displayed when going from the main menu directory to the view mode.	Returning to ViewMode...	WARNING! Table Must Be Modified	When a change is made to the custom volume points, this message is displayed.
If "Password Type" is set to "Standard."	Enter Password: - - - -	Channel 6 Custom Table Error	One or more points in the table are not in sequence.
If "Password Type" is set to "Enhanced."	Enter Password: 0000	Must Be > Than Previous Point	Each custom volume point must be greater than the previous point.
This is displayed when the wrong password is entered.	Invalid Password Try Again	No Relay Cards Installed	Self explanatory.
Warning messages are displayed when a channel type is changed.	Channel Data Will be RESET!	No Output Cards Installed	Self explanatory.
	Check Relay And Output Sources	No Input Card Installed	Self explanatory.
If trying to enter the "Calibration" menu when no channel types are selected.	Channel Type Must Be Selected	Channel Type Must Be Selected	Self explanatory.
Indicates a faulty sensor connection or a channel with no sensor assigned.	pH3 CHK SENSOR T4 CHK SENSOR	Memory Error Load Defaults??	Displayed if the memory in the 8900 is corrupted.
The 8900 advises when a value is outside of the range allowed.	Value Must Be 6400 or Less	Loading Factory Settings...	Message displayed if Load Defaults is selected.
	Value Must Be 100.0 or Less	Channel 1 ID: No Valid Sensors	The 8900 finds no sensors matching the channel type.

A sensor is connected but has not been assigned to a channel	Channel 1 ID: Not Assigned?	Value Must Be 0.05 Or Higher	Relay pulse width is 0.05 ms minimum, 1000 ms maximum
Self explanatory.	Input Module Not Found	Value Must Be 1000.0 Or Less	
These messages indicate component failure on the Comm or I/O module.	Input/Output 1&2 Module Defective	Value Must Be 14.00 Or Less	In pH calibration, the buffers cannot exceed 14 pH in value.
	Comm/Out 3&4 Module Defective	All Settings Will Change!	When cloning the setup from a host unit into a slave unit, these messages warn of impending actions and verify that the change is intentional.
Pressure calibration cannot be done at zero.	Cal Point Too Close to Zero	Are You Sure? Press <ENTER>	
pH calibration buffers must be at least 2 pH units apart.	Standard Too Close to Slope	Requesting Data From Host	Slave unit is transmitting request for data download from the host unit.
Messages displayed when "LOAD S ³ L DEVICES" is selected.	6 Sensors and 1 Ext Relay	Waiting For Request...	Host unit is waiting for the slave to request data download.
	Loading... Please Wait	Error: Invalid Host Version	If the host and slave units have incompatible software versions.
	Found New S3L Devices	Error: No Data From Host	Host unit is not transmitting to the slave.
If a relay is in PWM mode, the period must be greater than 0.1 seconds, and less than 3240 seconds.	Value Must Be 3240 Or Less	Error: Data Transfer Failed	Self explanatory.
	Value Must Be 0.1 Or Higher	Transmitting Data...	Self explanatory.
If a relay is in Proportional Pulse mode, the minimum pulse rate is 1, the maximum rate is 400.	Value Must Be 1 Or Higher	Transfer Complete	Self explanatory.
	Value Must Be 400 Or Less	8900 Restarting	Self explanatory.