

Signet

3-5500 Flow Meter Troubleshooting Guide

Display	Problem	Solution
-- -- -- --	Display timebase too large	Change flow timebase (S=Seconds, M=Minutes, H=Hours, D=Days) in CALIBRATE menu to a smaller value (e.g. GPD to GPM)
Check settings for Relay 1	Relay 1 pulse width too large for frequency input or pulse volume too small	Reduce Relay 1 pulse width setting (sec. 9.2 I) or increase pulse volume setting (sec. 9.2 H)
Check settings for Relay 2	Relay 2 pulse width too large for frequency input or pulse volume too small	Reduce Relay 2 pulse width setting (sec. 9.2 I) or increase pulse volume setting (sec. 9.2 H)
Check settings for AUX output	Auxiliary output pulse width too large for frequency input or pulse volume too small	Reduce auxiliary output pulse width setting (sec. 9.2 M) or increase pulse volume setting (sec. 9.2 L).
Must be between 0.0001 - 99999	Relay 1, Relay 2, or Auxiliary output (AUX) pulse volume setpoint must be within 0.0001 - 99999.	Enter volumetric setpoint within 0.0001 - 99999. engineering units (sec. 9.2 H or 9.2 L)
Must be between 0.10 - 999	Relay 1, Relay 2, or Auxiliary output (AUX) pulse width must be within 0.10 - 999 seconds	Enter pulse width within 0.10 - 999 seconds (sec. 9.2 I or 9.2 M)
Flow K-Factor can not be zero	Flow display K-Factor cannot be zero	Enter K-Factor greater than zero (sec. 9.2 C)
Total K-Factor can not be zero	Totalizer K-Factor cannot be zero	Enter K-Factor greater than zero (sec. 9.2 E)
SETUP READ ERROR Press any Key	Power fault occurred while saving setup menu entry	Press any key to reload factory defaults then reprogram flow system setup parameters. Note: totalizer displays remain undistrubed and will resume after instrument reset.