



LIQUID SYSTEMS, INC.

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Micro Motion Alarm Codes

Micro Motion alarms are classified into three severity levels...

| (Top) LED Color | Severity Level | Fixable On Site |
|-----------------|----------------|--------------------|
| Red | Fault | 95% No |
| Amber | Informational | 99% Yes |
| Green | Ignore | No Action Required |



Based on experience, LSI has created a chart with the alarm codes and the likelihood of them being "fixed" on site. Meters that cannot be fixed on site are typically discarded as it usually not cost effective to have the factory repair a meter with worn flow tubes.

| Alarm Code | Problem | LED | Fixable On Site |
|------------|---|-----|-----------------|
| A001 | EEPROM Checksum Error (CP) | Red | No |
| A002 | RAM Error (CP) | Red | No |
| A003 | Sensor Failure | Red | Maybe |
| A004 | Temperature Sensor Failure | Red | No |
| A005 | Input Overrange | Red | Maybe |
| A006 | Not Configured | Red | Maybe |
| A008 | Density Overrange | Red | Maybe |
| A009 | Transmitter Initializing/Warming Up | Red | Maybe |
| A010 | Calibration Failure | Red | Maybe |
| A011 | Zero Too Low | Red | Maybe |
| A012 | Zero Too High | Red | Maybe |
| A013 | Zero Too Noisy | Red | Maybe |
| A014 | Transmitter Failed | Red | No |
| A016 | Line RTD Temperature Out-of-Range | Red | Maybe |
| A017 | Meter RTD Temperature Out-of-Range | Red | Maybe |
| A018 | E EPROM Checksum Error | Red | No |
| A019 | RAM or ROM Test Error | Red | No |
| A020 | Calibration Factors Unentered (FlowCal) | Red | Maybe |
| A021 | Incorrect Sensor Type (K1) | Red | No |
| A022 | E EPROM Config. CB Corrupt (CP) | Red | No |
| A023 | E EPROM Powerdown Totals Corrupt (CP) | Red | No |

| Alarm Code | Problem | LED | Fixable On Site |
|-------------------|---|--------------|------------------------|
| A024 | E EPROM Program Corrupt (CP) | Red | No |
| A025 | Protected Boot Sector Fault (CP) | Red | No |
| A026 | Sensor/Transmitter Communication Error | Red | No |
| A027 | Security Breach | Red | No |
| A028 | Core Processor Write Failure | Red | No |
| A031 | Low Power | Red | No |
| A032 | Meter Verification/Outputs in Fault/Outputs Fixed | Red Or Amber | Maybe |
| A033 | Sensor OK/Tubes Stopped by Process | Red | Maybe |
| A034 | Meter Verification failed | Amber | Yes |
| A035 | Meter Verification Aborted | Amber | Yes |
| A100 | Primary mA Output Standard | Amber | Yes |
| A101 | Primary mA Output Fixed | Amber | Yes |
| A102 | Drive Overrange | Amber | Yes |
| A103 | Data Loss Possible | Amber | Yes |
| A104 | Calibration in Progress | Amber | Yes |
| A105 | Slug Flow | Amber | Yes |
| A106 | Burst Mode Enabled | Amber | Yes |
| A107 | Power Reset Occurred | Amber | Yes |
| A108 | Event 1 Triggered | Amber | Yes |
| A109 | Event 2 Triggered | Amber | Yes |
| A110 | Frequency Output Saturated | Amber | Yes |
| A111 | Frequency Output Fixed | Amber | Yes |
| A112 | S/W Upgrade recommended | Amber | Yes |
| A113 | Secondary mA Output Saturated | Amber | Yes |
| A114 | Secondary mA Output Fixed | Amber | Yes |
| A115 | External Input Error | Amber | Yes |
| A116 | API: Temperature Outside Standard Range | Amber | Yes |
| A117 | API: Density Outside Standard Range | Amber | Yes |
| A118 | Discrete Output 1 Fixed | Amber | Yes |
| A119 | Discrete Output 2 Fixed | Amber | Yes |
| A120 | ED: Unable to Fit Curve Data | Amber | No |
| A121 | ED: Extrapolation Alarm | Amber | Yes |
| A131 | Meter Verification | Amber | Yes |
| A132 | Simulation Mode Active | Amber | Yes |

This above information has not been evaluated by Micro Motion.

Call LSI for assistance with meter/computer calibration and inventory issues.

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