





# LIQUID MEASUREMENT SYSTEMS

## FUEL GAUGING PROBES

| DO-160G Section and Description |   | Category                   |
|---------------------------------|---|----------------------------|
| 1                               | Temperature & Altitude                                  | B2                         |
| 2                               | Temperature Variation                                   | B                          |
| 3                               | Humidity  | A                          |
| 4                               | Operational Shocks and Crash Safety                     | B                          |
| 5                               | Vibration   | S (Curve T)<br>R (Curve G) |
| 6                               | Explosive Atmosphere                                    | E                          |
| 7                               | Waterproofness  | W                          |
| 8                               | Fluids Susceptibility                                   | F                          |
| 9                               | Sand and Dust   | S                          |
| 10                              | Fungus Resistance                                       | F                          |
| 11                              | Salt Fog  | S                          |
| 12                              | Magnetic Effect   | Y                          |
| 13                              | Power Input   | ZXX                        |
| 14                              | Voltage Spike   | A                          |
| 15                              | Audio Frequency Conducted Susceptibility                | Z                          |
| 16                              | Induced Signal Susceptibility                           | ZCX                        |
| 17                              | Radio Frequency Susceptibility (Radiated and Conducted) | R                          |
| 18                              | Emission of Radio Frequency Energy                      | M                          |
| 19                              | Lightning Induced Transient Susceptibility              | A3J3L3                     |
| 20                              | Lightning Direct Effects                                | X                          |
| 21                              | Icing   | A                          |
| 22                              | Electrostatic Discharge (ESD)                           | A                          |
| 23                              | Fire, Flammability                                      | C                          |

