Intelligent Field Interface Card (IFIC)

The Intelligent Field Interface Card is a seamless upgrade to the existing FIC’s currently installed in the L&J Field Interface Racks, with the benefit of communicating critical field data to the MCG 3900 Gauging System.

Features

- Generates Less Heat
- More Energy Efficient
- Increased Reliability
- Field Voltage is Selectable
- Max Field Current is Selectable
- Integrated ON/OFF Switch
- TX/RX LED’s Show Field Activity
- Integral OLED Displays and Trending Features:
  - IFIC Temperature
  - Raw Input Voltage
  - Field Output Voltage
  - Field Current Output. Increases in current may indicate field wiring and/or moisture problems
  - Displays 5 Volt Supply
  - IFIC Address
  - L&J Tankway Voltage
- All of the values listed above can be communicated and displayed on the L&J MCG 3900 Gauging System via the On-Board Microprocessor.

Specifications

Field Voltage: Selectable 50v, 60v, 70v
Field Current Limit: Selectable 1A, 1.25A, 1.5A
Over Current: Automatic
Diagnostic: Tankway

The MCG 3900 System Displays shown above can be communicated via the IFIC with a marginal software upgrade adder to existing or new MCG 3900 Systems.