

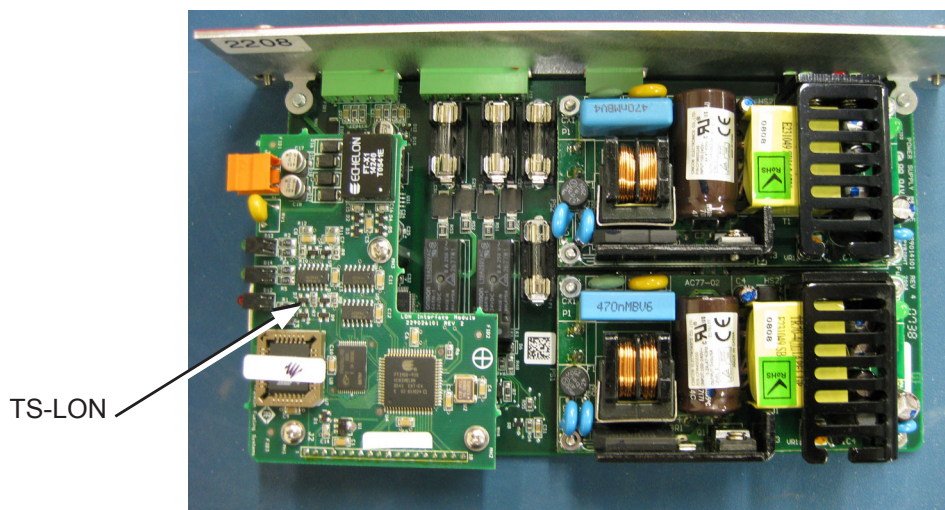
TECHNICAL BULLETIN

TS-LON Description and Capabilities

LON is a network communication protocol (Local Operating Network)

The TS-LON uses the European implementation called IFSF (International Forecourt Standards Forum) protocol to communicate to the European Point Of Sales only (Standard Forecourt Protocol version 1.27).

Note: Do not connect the LON board to devices that communicate with LONworks, such as HVAC systems. It will not communicate with such devices.



TS-LON Installed on Power Supply Module

According to the IFSF protocol, specific parameters can be exchanged between devices in the network. Among those parameters are:

- ID value of the network
- Measurement Units
- Manufacture ID
- Probe Serial Number
- Probe Model
- Type of Product
- Product Description
- Tank Diameter
- Tank Maximum Capacity
- Hi HI Level
- Hi Level
- Lo Level
- Low Low Level
- Hi Water Level
- Tank Tilt Offset
- Number of Manifolds
- Tank Alarms
- Status of the probe
- Product Level
- Gross Volume
- Average Temperature
- Water Level
- Last reading date and time
- Transaction amount
- Unit Price

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