

Product Description:

The 2100 and 2150 modules provide single slot gas flow metering solutions for the 1771 (2100-AGA) and 1746 (2150-AGA) platforms. These products perform the AGA-3 (Orifice Plate), AGA-7 (Turbine Meter—PLC only), and AGA-8 Supercompressibility calculations using the most up-to-date methodologies. In addition, the Modbus Slave protocol is built into the product, enhancing the applicability in RTU applications. In both platforms, the individual meter configuration parameters are accessed through standard backplane data transfer with the PLC and SLC processors. Once configured, the module will accept updated process data and calculate new fluid densities, volumetric flow rates and accumulated totals. Contract periods can be automatically terminated based on the real time clock or by the user through meter control bits. Each product is shipped with a full User Manual and example ladder logic on disk.

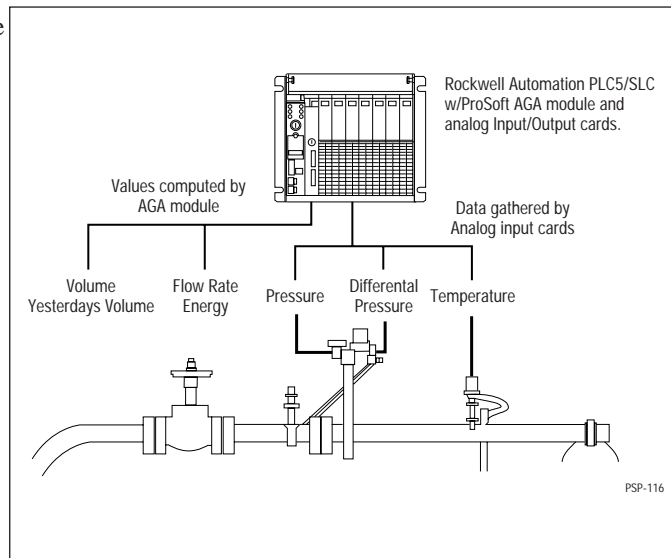
Features:

- Single slot module with Backplane communications with processor
- Completely offloads gas flow calculation from processor
- Fully configured through processor data table using standard ladder programming tools
- Full support for radio and modem hardware handshaking
- Modbus Master port available to interface with gas chromatographs (2100 only)

Specifications:

- AGA-3, 7 and 8 (AGA-7 only in 2100)
- AGA 8 uses Detailed Characterization Method (Most accurate)
- Ten independently configured meter runs (2100)
- Four independently configured meter runs (2150)
- Uses PLC/SLC analog inputs for real time process inputs
- Gas density results available at Base and Flowing conditions for external applications

Connectivity Diagram



INDUSTRIES

- Consumer products
- Petroleum/mining
- Infrastructure



APPLICATIONS

- Flow computer
- SCADA communications



PLATFORMS

- 1771 I/O chassis
- 1746 I/O chassis



CONNECTIVITY

- Backplane

For More Information:

ProSoft Technology, Inc.
9801 Camino Media, Suite 105
Bakersfield, CA 93311
Ph: (805) 664-7208 • Fax: (805) 664-7233
E-Mail Address: prosoft@prosoft-technology.com

