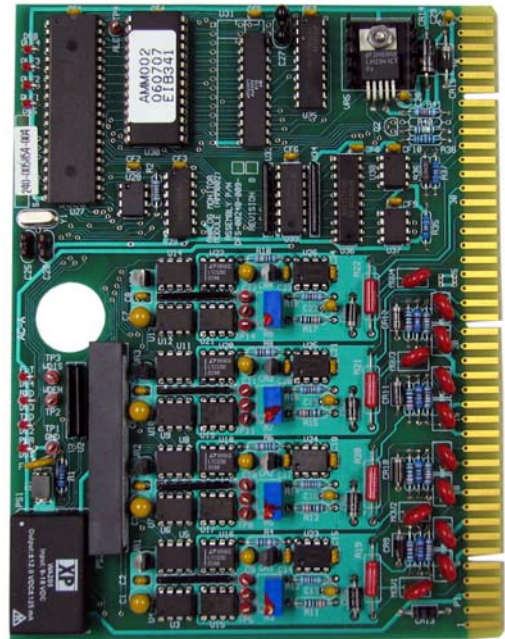

ANALOG MONITOR MODULE

DESIGNED FOR USE WITH THE 200 SERIES RTU FAMILY, DFS RTU MODULES ARE ASSEMBLED FROM THE HIGHEST QUALITY COMPONENTS AND DESIGNED TO MAXIMIZE USABILITY WHILE MINIMIZING INSTALLATION, MAINTENANCE, AND DOWNTIME.

The Analog Monitor Module (AMM) is a microprocessor-controlled multiple-input card used to monitor from one (1) to four (4) analog inputs. The inputs are optically isolated; each input can be configured to receive a 0-20 mA or 0-5V signal.

This module can also monitor four (4) optically isolated digital inputs.

The alarm limits (upper and lower) and the reporting dead-band are configured over the communications link by the central site.



FEATURES AT A GLANCE

- 4 Opto-isolated analog input points
- 4 Opto-isolated digital inputs
- 12-bit accuracy
- 24 VDC isolated power source
- 1200 or 9600 baud communication
- Time-tagged messages (digital inputs only)
- On-board communications and functional firmware
- On-board voltage regulation
- LEDs for power, receive data, transmit data, CPU failure, and digital input status
- Surge protected (nondestructive)
- Removable without disturbing field wiring
- No on-board adjustments, switches or straps (self-configuring)
- Keyed to prevent damage

SPECIFICATIONS

Model	AMM002
Board Size	5.25" X 6.88"
Analog Input Type	0-5V or 0-20 mA
Analog Input Impedance	249 Ohm for 0-20 mA; >100K Ohm for 0-5V
Protection	Transorb & opto-isolated
Digital Input Voltage	10-30V (AC or DC); 31-300V (AC or DC) with inline resistors
Digital Input Impedance	6K Ohm
Bias Supply Voltage	24 VDC
Bias Supply Current	90 mA
Power Requirements	8 to 14 VDC, 230 mA
LEDs	Power, receive data, transmit data, CPU failure, digital input status

TYPICAL APPLICATIONS

- Level Sensor
- Pressure Transducer
- Flow Meter
- Valve Position
- Gate Position
- Pump Speed
- Pump Current / Amperage
- Chemical Scale
- Chemical Analyzer
- Generator Fuel Level

WARRANTY

This product carries a one (1) year return-to-factory warranty against defects in material and workmanship. When installed with factory recommended surge protection, the return-to-factory warranty is extended to three (3) years and is also covered against damage due to lightning and surge. DFS will repair or replace at its option, F.O.B. Melbourne, Florida, any part or parts of this product during the warranty period. A Return Authorization (RA) must be obtained by contacting the DFS Factory Repair Center at 321-259-5009 or by email at rma@dataflowsys.com.