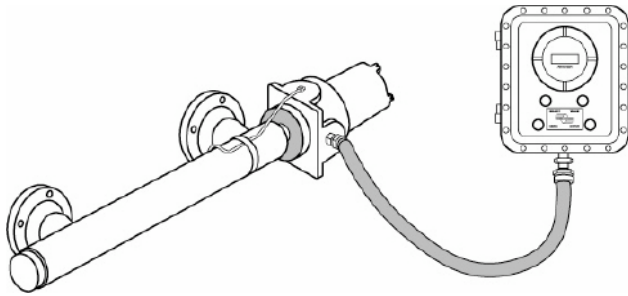


# Family of Water Cut Analyzers

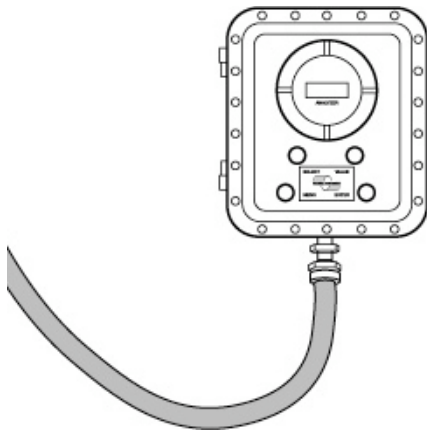
## 1.) Standard Analyzer



### A.) With Standard External Electronics

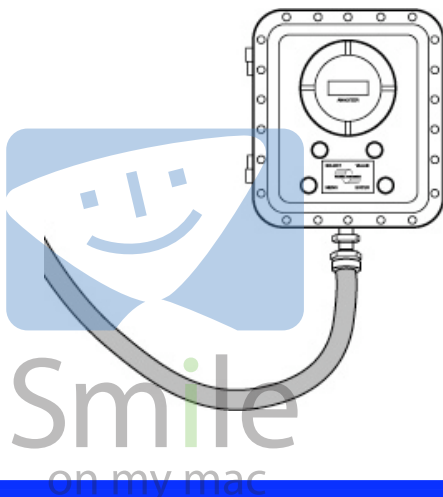
- When user requires local display in Zone 1 and 2 explosive area.
- Maximum distance between sensor and transmitter is 150 feet.
- Can be powered by 110 VAC 60 Hz, 230 VDC 50 Hz, or 24 VDC.
- 4 line 20 character LCD Display.
- Analyzer does not have data logging capabilities.
- Standard outputs are:
  - One (1) analog 4-20 mA, One (1) digital Modbus RTU RS-485; HART optional.

### B.) With Enhanced External Electronics



- Data Logging User Selectable up to 65 Days.
- Four (4) Modbus RTU RS-485 Ports, and HART with 275/375/AMS Support. One (1) Analog Input, One (1) Frequency/Pulse Input.
- Updated Computer with Surface Mount Electronics.
- Full Capability as a Flow Computer.
- Standard 4 Line 20 Character LCD Display.
- Optional Color Graphics Display
  - Data Trending Graphs
  - Error Event Logging
  - Touch Screen Entry.

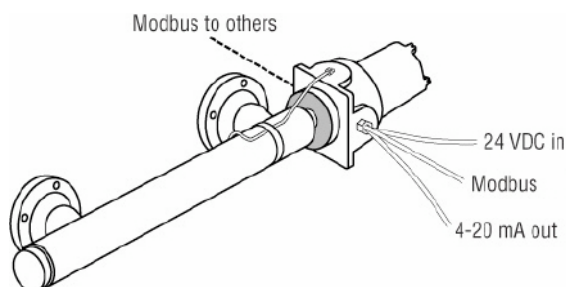
### C.) With Expanded External Electronics



- Enhanced Electronics Capabilities Plus Multiple Analog Inputs and Outputs.
- Provides Five (5) Configurable 4-20 mA Inputs, Three (3) Frequency/Pulse Inputs, Five (5) configurable 4-20 mA Outputs.
- Full Capability as a Flow Computer.
- Standard 4 Line 20 Character LCD Display.
- Optional Color Graphics Display
  - Data Trending Graphs
  - Error Event Logging
  - Touch Screen Entry.

# Family of Water Cut Analyzers

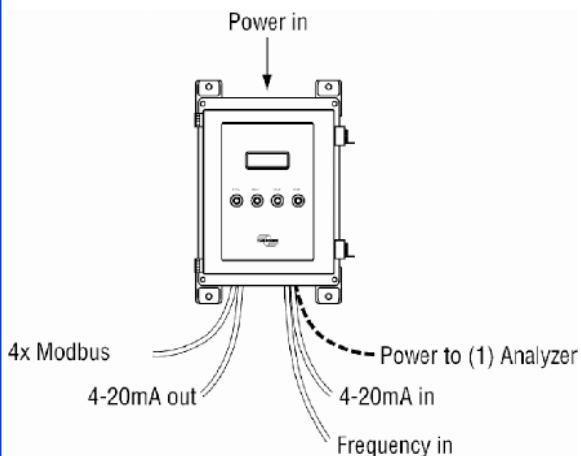
## 2.) Stand-Alone Analyzer



### A.) With Integral Transmitter at Measurement Section - No External Electronics

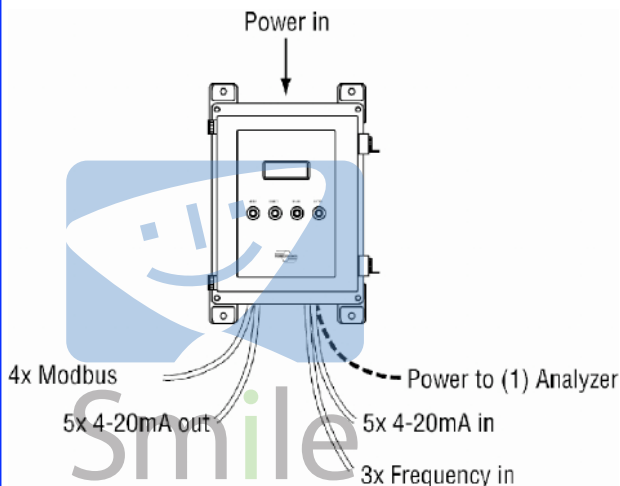
- When user does not require local display.
  - Wiring from Analyzer to control room up to 4,000 feet (with standard twisted pair wire).
  - Powered by 24 VDC Only.
  - Especially suitable for multi-analyzer systems; up to 32 Analyzers can be connected in series on twisted pair wire.
- All functions of the Analyzer can be accessed via a handheld or the PC configuration tool.
  - Standard Outputs: HART 4-20 mA and Modbus RTU RS-485.
  - Capable of 65-day data logging (FLASH based memory).

### B.) With Optional Enhanced Electronics



- When user prefers local (explosion proof) or control room (NEMA 4) display.
- Data Logging User Selectable up to 65 Days.
- Four (4) Modbus RTU RS-485 Ports, HART with 275/375/AMS Support. One (1) Analog Input, One (1) Frequency/Pulse Input.
- Updated Computer With Surface Mount Electronics.
- Standard 4 Line 20 Character LCD Display.
- Optional Color Graphics Display
  - Data Trending Graphs, Error Event Logging, Touch Screen Entry.

### C.) With Optional Expanded Electronics



- Enhanced Electronics Capabilities Plus Multiple Analog Inputs and Outputs.
- Provides Five (5) Configurable 4-20 mA Inputs, Three (3) Frequency/Pulse Inputs, Five (5) configurable 4-20 mA Outputs.
- Full Capability as a Flow Computer.
- Standard 4 Line 20 Character LCD Display.
- Optional Color Graphics Display
  - Data Trending Graphs, Error Event Logging, Touch Screen Entry.