

DINLine Downhole Telemetry Unit

The DINLine Downhole Telemetry Unit provides an interface between the downhole gauge and surface. It is rated for Class I Div 2 usage. The unit is capable of telemetry lengths of up to 8,000 meters (25,000 ft.) The unit interfaces with other surface electronics via industry standard Modbus RTU protocol.

The Telemetry unit features low power operation from standard DC supplies over a wide operating temperature. In addition, the unit has an extremely robust communication algorithm using noise reducing technology making the unit effectively immune from interference.



FEATURES

- Provides Downhole Telemetry Demodulation
- Class I Div 2 Rated
- Low Power Consumption
- Robust Telemetry Interface
- Noise Reducing Algorithm
- Modbus RTU Communication Protocol
- RS-485 or RS-232 Physical Layer

APPLICATIONS

- Downhole Pressure Monitoring
- High Electrical Noise Environments
- ESP's

SPECIFICATIONS

Maximum Distance	8,000 m (25,000 ft)
Operating Temperatures	-40 °C to 70 °C (-40 °F to 158 °F)
Current Consumption	30 mA
Supply Voltage	6 to 60 VDC
Minimum Sample Rate	1 second/sample