DATA SHEET

HALLIBURTON

INTELLIGENT COMPLETIONS | PERMANENT MONITORING

DataSphere® permanent monitoring suite data acquisition system

Monitor and control downhole gauges and topside instrumentation

FEATURES

- One permanent downhole gauge communication channel
- 600 MB of onboard data storage
- MODBUS RTU protocol support using RS485 or a TCP/IP port
- Communication programs allow full configuration of the unit
- Current limit tripped
- Time synchronization

BENEFITS

- Control intelligent completion's permanent downhole gauges and sensors, to include Opsis®, Array, and ROC™-X
- Store and display data from Halliburton permanent downhole sensors

TECHNICAL INFORMATION

- 1 GB of onboard memory: 400 MB for the application and 600 MB for data
- Data retrieved using an RS485 port or by FTP over the TCP/IP link and can be imported into other applications, to include spreadsheets
- Data logged to the memory at a maximum rate of once per second
- Communication ports include 1 × RS485 and the Ethernet
- NEMA-4X enclosure
- 10/220 VAC or 10-35.5 VDC power input
- 24 W power consumption plus 0.5 W per gauge
- 0 to 70°C operation
- -20 to 85°C storage



DataSphere® permanent monitoring suite data acquisition system

Overview

The Halliburton DataSphere® permanent monitoring suite data acquisition system allows operators to monitor and control downhole sensors.

Application

The DataSphere suite data acquisition system is available as a one-well system that can accommodate up to 25 sensors on a single TEC line for a single unit.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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