Overview:

KeyDrill's Downhole Bus Bridge Module (BBM) is designed to bridge or integrate third-party tools into your MWD string. Tools such as a secondary or backup Gamma module, Rotary Steerable like Extreme Orbit via Babel Fish, Resistivity, Near-Bit , Azimuthal Gamma or Pressure While Drilling can be easily integrated. The KeyDrill Bus Bridge Module can be configured to communicate via UART, RS485 or CANBus protocols. Measurements from these additional tools are acquired and then translated (commonly a QDT-compatible signal) to your MWD string for transmission to surface. KeyDrill MWD tools can transmit the data to surface through its 36 generic variables. The generic variables can be easily customized (ranges and resolutions) to meet all your application requirements.

Specifications:

Length: . . . . 5.7 Inches.

Diameter: . . . . OD=1.44 inches without O-ring

Operation Voltage: . . . . 7 to 36Volts.

Temperature: . . . . 175°C

Communication Input (0 – 5V): . . . . . . pulses, UART, RS485 and CANBus.

Communication output: . . . . QBus-compatible

Compatibility: . . . . . . QDT-compatible MWD tools

Features:

- Multiple Bus Bridge Modules can be used in a MWD tool

- Compatible with all KeyDrill MWD or QDT-Compatible MWD tools

- Wide input voltage range (7-36Volts)

- Available as an independent module,

- Easily customized to receive third-part data formats

- Variable interface to the third-part tools.

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