

FHT-B



The Fast Hybrid Telemetry (FHT) is the most important component on a cased hole logging system, is the link between the surface panel and the rest of sensors connected below via a Half Duplex communication. The FHT is the fastest telemetry in the market with a Wireline Bus (WLB) of up to 400Kbps and an Internal Bus (OWB) of 1.5Mbps.

The FHT can uplink analog packages in between digital packages so you have the option to combine different types of tools on the string.

FHT can be use with Scientific Data Systems panels and their software Warrior.

Version “B” is the most powerful configuration with an uplink of up to 400kbps and an internal Bus of 1.5Mbps.

Communication	Half Duplex with parity control and checksum
Wireline Bus for Cased Hole	Uplink 60kbps to 400Kbps Downlink 5Kbps
Wireline Bus for Open Hole	Uplink 400kbps to 800Kbps Downlink 5Kbps
One Wire Hybrid Bus (Internal Bus)	1.5Mbps
Tool Head Voltage	70VDC - 300VDC
Tool Bus Voltage	18VDC - 70VDC
Temperature rate	177 deg C / 350 deg F
Pressure rate	117.2 MPa / 17,000 psi
Current	Tool Power Hybrid Bus up to 2Amps @ 18VDC to 70VDC for tool string, shunt regulator option is available for 2Amps
Analog signal	Compatible
Memory tools	Compatible
Type of cables	7/32", 5/16", 7/16", 9/32" - H2S and Open hole cables

For enquires please contact our distributor:

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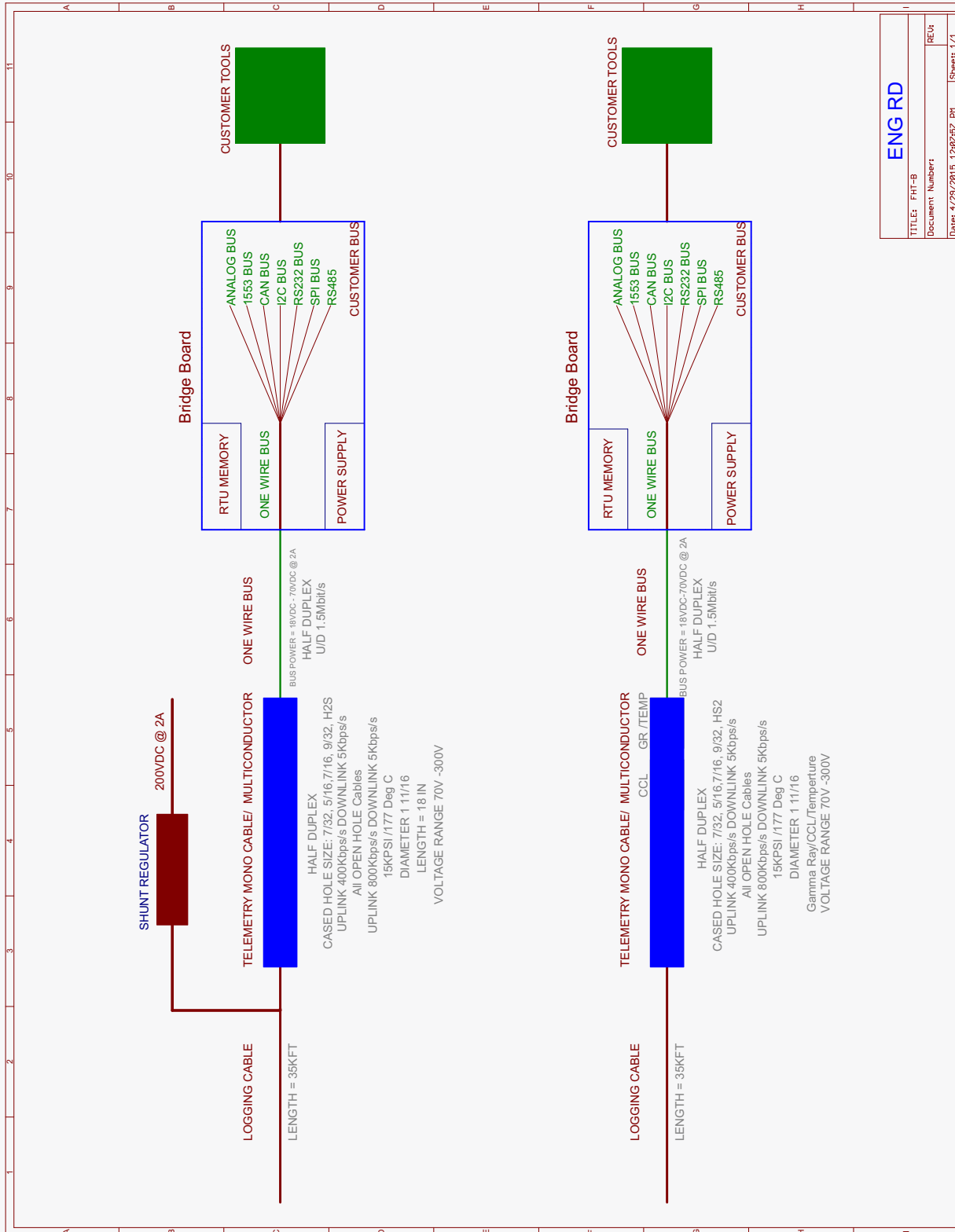


Type of tools supported	Cased hole and Open hole
Dimensions	1-11/16" (43mm) O.D. by 27" (685.8mm) Long
Multi-sampling rates	Each sensor can have different sampling rate
Error detection	The system offers error data and frame error data. In case the data gets corrupted, it will be discarded.
Tool bus	<p>The telemetry can use the following protocols to communicate with different tools:</p> <ul style="list-style-type: none"> • SPI • USB • Analog BUS • 1553 BUS • CAN BUS • I2C BUS • RS232 • RS485 • ETHERNET
Internal Memory	In addition the telemetry has a 32GBytes internal memory per sensor. The system offers the flexibility to retrieve the data from the memory in real time or memory mode as a Stand alone memory tool
Memory minimum sampling rate	1 μ s

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