

Ultrawire Memory Control Unit (UMU)

Controls the new generation of Sondex memory logging tools

Applications

- Enables programming, control and download of data from the entire range of Sondex **Ultrawire™ logging tools**

Features and Benefits

- Compact and rugged construction
- Connects to any USB equipped PC with Windows XP or Windows 7
- Tool power control indicators

The **Ultrawire Memory Control Unit (UMU002)** enables users to program and download data from the new generation of Sondex memory tools (UMT007 and UMT008) which record data from any combination of downhole instruments operating on Ultrawire telemetry.

The UltraWire Memory Control Unit (UMU002) is used as an interface to connect Type 2 UltraWire Memory Tools (for example UMT007 & UMT008) to a PC (for example, Desktop, Laptop or Notebook) that has installed on it the UltraWire Memlog software. The UMU002 interfaces between the Low Voltage Differential Signalling (LVDS) connection inside the downhole tool and the USB connection that is part of a PC.

The UMU002 is used to either program a UMT Type 2 with a Logging Profile or transfer the

Logging Data from the UMT memory to the PC when used with the USB Connection. In addition, the UMU002 allows complete toolstrings to be powered-up and checked-out on the surface prior to deployment downhole, but only when an 18VDC input is connected.



Specifications

	UMU002
Surface Temperature rating	32°F (0°C) to 149°F (65°C)
Dimension	2.2" (W) x 3.4" (D) x 1.0" (H) or 5.5 cm (W) x 8.6 cm (D) x 2.5 cm (H)
Weight	9.3 lbs (4.2 kg)
Supply Voltage	18 Vdc from battery or PSU
Battery Connector	Sondex specific (see manual for details)
Computer Connection	USB 2.0
Tool Connector	7 pin Fischer 102 series connector
Download rate	up to 50 Mbytes/min