Modular Measurement Technology

ProfiMessage is the new powerful system from Delphin for data acquisition, monitoring and automation of machinery, plant and test stands. This modular system:

- Uses master and slave devices and a range of different I/O modules to adapt to any task.
- Is suitable for applications ranging from the monitoring of industrial processes to laboratory data acquisition and test stand automation.
- Has universal connectivity, and the flexible I/O modules provide a wide range of process interface options.
- Features Profibus-DP, Modbus or CAN-bus, which enable connections to PLC control systems for data exchange.
- Has analog and digital sensor signals that can record data simultaneously to an independent 16 GB memory, which enables subsequent data analysis and evaluation.
- Features data memory that can be read out using either USB or Ethernet interfaces.
- Includes inputs that can be configured separately (depending on the type of I/O module being used) to measure mV, mA, RTDs and thermocouples; every input and output is differential, high-precision and galvanically isolated.
- Is equipped with digital inputs for functioning as status or frequency inputs, as well as digital and analog outputs.
- Features internal software channels that enable functions such as limit value monitoring, integration or online computations, and are easy to configure; these enable the devices to be effectively deployed as monitoring and

record-keeping systems.

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