



## Press Release

Schaffhausen, 16 April 2002

### **New product: Temp DAQ “Junior”**

PRIAMUS SYSTEM TECHNOLOGIES Temp DAQ “Junior” is a universal temperature measuring unit for thermocouples of type N. The multi channel amplifier can be supplied with two channelled plug in modules up to 16 channels. The thermocouple signals are provided with linearized analog output signals.

Due to its frequency range (up to 1000 Hz), the Temp DAQ “Junior” is especially suitable for “fast” applications such as for multi cavity molds in injection molding processes. The device can be used for a continuous measurement of temperature signals. Especially for the injection molding process and other cyclic methods, a trigger signal will be connected e.g. to a proximity switch (inductive switch) in order to start and to end the measurement. In addition there is the possibility of selecting a measuring signal with a code for automatic switchover to holding pressure in injection molding. This signal will be connected to the injection molding machine as an external switchover signal and helps to simplify the process considerably.

The Temp DAQ “Junior” is available in two versions: with a connector for external voltage supply (24 VDC) for the sole operation of the device or to be used together with a PC. For the latter, the supply will be provided by the applied A/D-boards (5 VDC). The device can be identified with a signal code.

Basically it is recommended to use thermocouples of type N since the linearized output signals of this type are substantial more solid compared to other types.

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