

Release Date: August 2006

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NEW THERMAL RECORDERS ARE ADAPTABLE FROM 6 TO 36 CHANNELS

The new 8440 series thermal recorders feature high performance data acquisition with maximum flexibility for a wide range of applications. The user can configure or upgrade a unit to have from 6 to 36 analogue signal channels, plus 16 logic inputs, thereby avoiding the normal requirement to return the unit to the factory. This has the advantage that one recorder can be more cost effective, as it can be reconfigured easily for different development, production or service applications.

Two types of input module specifications are available. Up to three modules can be installed giving a choice of nine 'mix and match' combinations. One module offers six 'universal' channels to IEC 1010 CAT III, 600V safety standards. Each of these isolated channels can be selected for DC voltage (1mV to 1000V), true RMS AC (200mV to 500V), or thermocouple inputs. The second module provides 12 multiplexed inputs for input signals up to 50V, thermocouple or PT100 temperature sensor inputs.

The 8440 series offer direct recording onto the internal 40GB hard disk, with a bandwidth of up to 100kHz per channel. A 12-inch colour screen displays the multi-channel waveforms during acquisition, or when viewing from memory, and is also used to set up the desired configurations for the instrument. The built-in printer can output data in graphical waveform or tabular formats onto 270mm wide thermal paper.

Ethernet, USB and RS-232 interfaces are provided for data transfer to a network, memory stick or a PC for archiving and further analysis. Basic data transfer and viewing software is supplied. More sophisticated data analysis and report software and rack mounting kits are available as options.

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