

Temperature Monitoring and Recording System ProfiTec

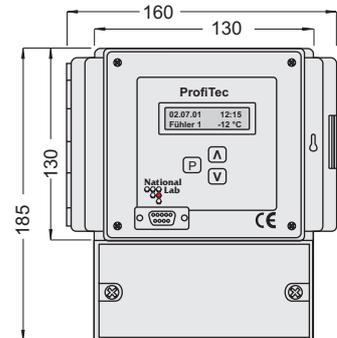
Temperature monitoring and recording system for up to 4 refrigerators and freezers, ovens and incubators. Operating panel with digital display options for date, time, temperature of the 4 measuring stations, automatic adjustment from summer to winter time. The digital display is also used for programming. Measuring stations can be individually identified. Acoustic alarm device with individually adjustable warning levels and delay times. No-Volt remote alarm contact for connection to central control stations or telephone relaying. 3 signal inputs for door contact and/or system fault. Records up to 4 measuring stations simultaneously over a period of up to 781 days (5-minute intervals). Storage intervals selectable from 1 to 60 minutes. The readings are stored even in the event of a power failure. A rechargeable battery is available as an option and enables readings to be taken and stored even during a power cut. The measuring protocol can be read out directly on the instrument or PC via the RS 232 port (for software see Accessories). Up to 79 ProfiTec units can be linked within a network via the RS 485 port. The measuring protocols can then be called up individually with the PC. The casing is made of plastic with a transparent cover for the operating panel. Screws and a set of plugs are included for mounting the instrument on a wall.



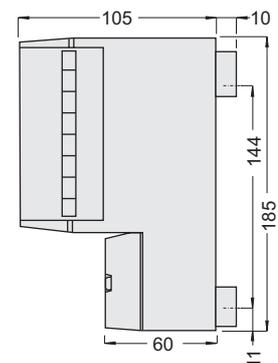
ProfiTec 424A

Temperature monitoring range	°C: +600/-110
Resolution	°C: 0.5
Ambient temperature	°C: 0 to +50
External dimensions (WxDxH)	mm: 160x105x185
Power consumption	watts: 5
Measuring stations	: 4
Signal inputs	: 3x230V with time delay
Storage capacity for readings	: 225,000
Interfaces	: RS 232 - serial port : RS 485 - PC network
Calibration	: factory preset, maintenance free
Protective system electrical	: IP 54
Mains connection	: 1/N/PE ~ 230 V 50-60 Hz

Front view



Side view



ProfiTec + Accessories:

	Cat. No.
ProfiTec 424A	GPTEC4A
Temperature sensor with 6-m lead.	ZPTEC2-040-06
Temperature sensor with 12-m lead.	ZPTEC2-040-12
Temperature sensor with 30-m lead.	ZPTEC2-040-30
Temperature sensor with other lead.	on request
Set of rechargeable batteries 12V / 1.3 Ah.	ZPTEC2-041
Connection lead between ProfiTec and PC (RS 232 port), 12 m long.	ZPTEC2-043-12-2
Software for evaluation and recording for Windows 2000 and XP.	ZPTEC2-042-XP
Digital converter for networking the ProfiTec units with a PC. With integrated power supply.	ZPTEC2-044-NT
Connection lead between ProfiTec and digital converter for networking (price per metre).	ZPTEC2-046
Converter USB 2.0 / RS 232.	ZPTEC2-044-RS232-USB

Network connection

