

SF10/12

Multichannel loggers

By using the well proven and reliable Psion Organiser II as the computing component, four channel logging is made simple. Input options allow thermocouple, humidity, pressure, voltage and process signals to be logged, combining all the advantages of real-time data within the logging system.



System specifications

Input channels: 4

Number of records:

Psion XP & LZ: 9240 total, divided between the active channels

Psion LZ64: 25000 total, divided between the active channels

128k Datapak: 60000 total, divided between the active channels

Time interval between records:

1 second to 15 days

Delayed start: From now to 21 days hence

Input impedance on direct input: 4.7M Ω during reading
470k Ω between readings

Battery type: 9V MN1604 (PP3) or equivalent

Battery life: 40 hours continuous logging

200 days logging at 1 record/hour with contact close disabled

Operating temperature: 0°C – 50°C
0-95%RH, non condensing

Dimensions: 212x78x30mm



Logging modules

SF10 Logger module with basic software

SF12 Logger module with enhanced software

Download software

SFPC5 PC software on 5.25" disk with lead

SFPC3 PC software on 3.5" disk with lead

Cables and leads

SFLP Printer lead for RS232 input printer

SFLR Remote logging lead, 1m

Psion Organisers and accessories

PSIONXP Psion Organiser, model XP

PSIONLZ Psion Organiser, model LZ

PSIONLZ64 Psion Organiser, model LZ64
32 K Datapak
128K Datapak
32K Rampak
Mains adaptor

Probes and input modules

THSF Thermistor probe, -20°C to +100°C

TKSFL General purpose probe, -40°C to +160°C

TKSFH General purpose probe, -40°C to +960°C

TKSFL Thermistor probe, -20°C to +100°C

TKSFL-S -40°C to +160°C for type K Thermocouple

TKSFH-S -40°C to +960°C for type K Thermocouple

R5SF Humidity probe, 0-100%RH

P5SF Pressure input probe, 0-1000 mBar differential

V5F Voltage input connection lead, 0-2.5V

MASF Milliamp interface, 0-20mA

RVSF Voltage interface, 0-10V

Accessories

Carry case

Humidity check caps

◆ Four independent channels which can each measure:

- Temperature
- Pressure
- Relative Humidity
- Voltage & Current
- Any process variable with an analogue output (0-10V/4-20mA)

◆ Up to 60,000 readings

◆ Programmable logging intervals

◆ Direct output to printer or PC, or removable Datapak/Rampak

◆ Easy to use menu-driven operation

◆ Battery or ac adaptor powered

◆ On-screen data display

◆ Built-in programming language

Exclusive features included with the SF12:

◆ User-definable input channels

◆ Temperature channels in °C or °F

◆ On-screen data display

◆ Choice of seven languages: English, Dutch, French, German, Italian, Spanish, Swedish