

## TECHNICAL OVERVIEW

The MF1000 is an intelligent outstation capable of operating stand alone or as part of a data sharing network. All BMS features are resident in the MF1000 which also manages a sub-network of expansion modules which increases its I/O capacity to more than 200 'real' points.

The unit can be programmed directly from its in-built keyboard/display or from a local or remote PC via the MF1000s RS232 port.

## FEATURES

- 16 Time Channels
- 12 Limit Switches for economy and frost settings
- 64 Cascade Loops
- 16 Function Generators
- 96 Programmable Logic Nodes
- 32 / 64 P + I Loops (via LDCA / LDCN types)
- 8 Independent Data Logs
- 40 Alarm/Events
- Communications
- Networking
- Nicad Battery back up of approx 8 weeks
- Multiple level passwords

## SPECIFICATION

<b>Power Supply:</b>	230/240v 50Hz, 12VA approx
<b>Configuration:</b>	Power Supply Unit (PSU) card, Central Processing Unit (CPU) card connected via ribbon cable
<b>Dimensions:</b>	PSU – 288mmx144mmx55mm
<b>CPU:</b>	LCD Display, Keypad and 4 programmable push button overrides
<b>Analog Inputs:</b>	8 – For Ambiflex NTC sensors or 0-10vdc or 4-20mA
<b>Digital Inputs:</b>	4 – Must be volt free for monitoring or meters
<b>Digital Outputs:</b>	8 – SPDT output relays, contacts/track rated 8/10 amp 230V AC resistive
<b>Electrical:</b>	Screened cable for all Analog and Digital Inputs and Analog Outputs earthed at the controller end only
<b>Connections:</b>	2.5mm <sup>2</sup> pluggable terminals
<b>Communications:</b>	25 pin RS232 port for a modem and 9 pin engineers RS232 port for laptop connection
<b>Country of Origin:</b>	UK
<b>Product Code:</b>	MF1000

## SUPPORT

<b>Technical Support:</b>	Yes
<b>Spares:</b>	In stock

### Ambiflex Ltd

5 Vale View  
Vicarage Lane  
Bowdon, Cheshire  
WA14 3BD  
Tel: 0161 941 1122  
Fax: 0161 941 1188

### AMBIFLEX DATA SHEET

### MF1000 Building Management System