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Find the *Eason Technology 1000-M02* at our website: ***Click HERE***

Model 1000 Intelligent Operator Interface

An Intelligent Operator Interface Ideal for Communication to Multiple Serial Devices.

The Model 1000 Intelligent Operator Interface is ideally suited for applications that require operator input, operator prompting, process monitoring, and serial communication to other controls or process equipment. The ability to communicate to multiple serial devices such as a PLC and a motion controller simultaneously make the Model 1000 a powerful solution for OEMs and integrators.

The Model 1000 features an 8 line by 40 character black on white cold cathode display providing clear viewing in all lighting conditions. The full travel keypad makes data entry easy and dependable. The ´000's rugged housing meets NEMA 4/12 (IP-65) requirements making it ideal for harsh factory environments.

The Model 1000 has all the computing power using Basic programming. Any Model 1100 program that does not deal with I/O options or more than 8 I/O bits will run identically on the Model ´000.



How to Order

Model 1000-PLC-CLK-HTR

- Heater: (Optional) HTR Extends temp. range to -20° C
- Clock: (Optional) CLK Batter-backed real time clock
- PLC Interfaces (Optional) See PLC Interfaces

PLC Interfaces:

- Allen Bradley SLC-500™
- Allen Bradley PLC-5™
- Aromat FP Series
- GE® Series 90™
- GE® Series 1™
- SIMATIC® TI505™
- SIMATIC® TI305™/TI405™
- Omron
- Square D Model 50
- Square D SYMAX
- IDEC FA Series
- Keyance KV Series
- Koyo PLC Direct

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Standard Features

Memory	32K bytes battery backed RAM standard, up to 128 K bytes optional
Communications	2- RS-232C ports, Xon-Xoff capability (one configurable as RS422 or RS485)
I/O	8 bit parallel I/O; optically isolated - 0.5 to +30V input, pulled up to +5V by 22K resistor, opn collector output, sink 30mA, industry standard PB-8 compatible
Keyboard Connector	IBM-PC XT compatible
Display	High contrast paper white with graphics capability. Backlight: bright cold cathode flourescent back light. Size: 8 lines by 40 characters. Characters: 5x8 dot matrix; 0.095" x 0.15" (2.4mm x 3.84 mm)
Power	9-30 VDC (7.5W typ.)
Environment	32 to 122°F (0 to 50°C) 5% to 95% relative humidity (non-condensing) Designed to NEMA 4 water tight and NEMA 12 dust tight specifications.
Weight	4.0 lbs (1.8 kg)
Mounting	Panel mount or door mount 8.5" x 8.5" x2.44" deep. Rugged cast front housing.
Optional Heater	Extends temperature range to -5°F (-20°C)

COM1/COM2 Serial Port Connectors:

DB-9 style, male

Pin	Function
2	RS-232 receive (input)
3	RS-232 transmit (output)
5	Signal ground

DC Power/RS-422/RS-485 Connector

Removable 8-pin screw terminal connector

Pin	Function
1	Power DC-
2	Power DC+
3	RS-422/RS-485 Gnd
4	RxB
5	RxA
6	TxB
7	TxA
8	Shield

I/O Connector

20-pin ribbon cable, compatible with industry standard PB-8 boards

Pin	Function
19	+5V (100 mA load max)
17	I/O 0
15	I/O 1
13	I/O 2
11	I/O 3
9	I/O 4
7	I/O 5
5	I/O 6
3	I/O 7
1	Not connected
	Even pins are logic ground

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