

PRODUCT DATA SHEET

TEMPERATURE HUMIDITY METER

PRODUCT INFORMATION

MODEL: DHT-001

- > Compact Design
- > Easy to Install
- > Large Display
- > Alarm Facility
- > Software Provides



A temperature and humidity meter, often referred to as a hygrometer or a thermo-hygrometer, is a device used to measure both the temperature and the humidity level of the air. These instruments are useful for various applications.

PRODUCT SPECIFICATION

Range:

Temperature - 00.0°C to 99.9°C

Humidity - 00.0% to 99.9%

Resolution:

Temperature - 0.1°C

Humidity - 0.1%

Accuracy :

Temperature - ±0.3°C

Humidity - ±3% RH

Operating Voltage :

12 Volt

Sensor:

IC based Temperature Humidity Sensor

Display:

2.3" Seven Segment Display

Communication:

Modbus RTU Communication(RS485)

Software:

Provided with Unit

Alarm Function:

Alerts for high or low temperature/humidity thresholds

Mounting:

Wall Mount and Hanging Mount

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PRODUCT DATA SHEET

TEMPERATURE DATA LOGGER

PRODUCT INFORMATION

MODEL: ITP400

- > High stabilized amplifier
- > High Performance ADC
- > Easy to operate
- > Panel Mount



A Temperature data logger is a device designed to measure and record temperature readings over a specific period of time. These loggers are commonly used in various industries and applications where monitoring and recording of temperature changes are critical. RS-485/USB is provided to transfer data to PC.

PRODUCT SPECIFICATION

Range: -200°C to 400°C
Resolution: 1°C
Accuracy : ±1°C
Sensor: Pt100
Scan rate: 1 Sample /Sec
Channels: One
Computer Interface: RS-485
Software: Provided with Unit
Power Supply: 200 to 250VAC ± 10%, 50 Hz

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PRODUCT DATA SHEET

15 INPUT AND 15 OUTPUT DIGITAL INTERFACE MODULE

PRODUCT INFORMATION

MODEL: DIDO-01

- > Rs232 Interface
- > Panel Mount
- > Wide Voltage Range (DC 7~36V)
- >500mA Current Sink



Digital Input & Output Module offers robust and versatile digital signal processing capabilities for industrial applications. With support for a wide voltage power supply range of DC 7 to 36V, it ensures compatibility with various power sources commonly found in industrial environments. It offers 15 Input CH for interfacing with external sensors. 15 output CH utilizes Darlington transistors, provides stronger driving capability with up to 500mA sinking current, built-in flyback diode protection

PRODUCT SPECIFICATION

Input Voltage	- 7V to 36V
Communication Mode	- Rs232
Baud Rate (bps)	- 9600
Input	- CH-15
Input Voltage Range	- 7 to 37V
Output Type	- Open-Drain
Max. Output Load	- 500mA
Flyback Diode	- Provided

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PRODUCT DATA SHEET

TEMPERATURE DATA LOGGER

PRODUCT INFORMATION

MODEL: BET1370-B40

↓
No. of Channels
(01-40)

- > High stabilized amplifier
- > High Performance ADC
- > User Friendly Keyboard



A Temperature data logger is a device designed to measure and record temperature readings over a specific period of time. These loggers are commonly used in various industries and applications where monitoring and recording of temperature changes are critical. It can measure up to 40 channels and display recorded data on LCD. 4*6 matrix Keypad is provided which make it easy to operate by user. The built-in real-time clock is provided to put the time stamp on the measured data. RS-232C link/USB is provided to transfer data to PC.

PRODUCT SPECIFICATION

Range: -200°C to 1370°C (As per Sensor)**Resolution:** 1°C**Accuracy :** 0.5%±1°C**Sensor:**j, k, t type Thermocouple or Pt100
(To be specified with the order)**Scan rate:**

Up to 8 Channel /Sec

Internal Storage:

1000 Samples

Channels:

As per Model Number

Memory:

Internal non-volatile

Display:

20X4 Intelligent LCD Display

Computer Interface:

RS-232-C interface/USB Optional

Software:

Provided with Unit

Power Supply:

200 to 250VAC ± 10%, 50 Hz

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PRODUCT DATA SHEET

TEMPERATURE DATA LOGGER

PRODUCT INFORMATION

MODEL: BET400-U40↓
No. of Channels
(01-40)

- > High stabilized amplifier
- > High Performance ADC
- > User Friendly Keyboard



A Temperature data logger is a device designed to measure and record temperature readings over a specific period of time. These loggers are commonly used in various industries and applications where monitoring and recording of temperature changes are critical. It can measure up to 40 channels and display recorded data on LCD. 4*6 matrix Keypad is provided which make it easy to operate by user. The built-in real-time clock is provided to put the time stamp on the measured data. RS-232C link/USB is provided to transfer data to PC.

PRODUCT SPECIFICATION

Range: 0°C to 400.0°C (As per Sensor)**Resolution:** 0.1°C**Accuracy :** 0.5%±0.2°C**Sensor:**j, k, t type Thermocouple or Pt100
(To be specified with the order)**Scan rate:**

Up to 8 Channel /Sec

Internal Storage:

1000 Samples

Channels:

As per Model Number

Memory:

Internal non-volatile

Display:

20X4 Intelligent LCD Display

Computer Interface:

RS-232 Interface/USB Optional

Software:

Provided with Unit

Power Supply:

200 to 250VAC ± 10%, 50 Hz

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PRODUCT DATA SHEET

TEMPERATURE DATA LOGGER

PRODUCT INFORMATION

MODEL: BET200-B40

↓
No. of Channels
(01-40)

- > High stabilized amplifier
- > High Performance ADC
- > User Friendly Keyboard



A Temperature data logger is a device designed to measure and record temperature readings over a specific period of time. These loggers are commonly used in various industries and applications where monitoring and recording of temperature changes are critical. It can measure up to 40 channels and display recorded data on LCD. 4*6 matrix Keypad is provided which make it easy to operate by user. The built-in real-time clock is provided to put the time stamp on the measured data. RS-232C link/USB is provided to transfer data to PC.

PRODUCT SPECIFICATION

Range: -200°C to 200.0°C (As per Sensor)

Resolution: 0.1°C

Accuracy : 0.5%±0.2°C

Sensor:

j, k, t type Thermocouple or Pt100
(To be specified with the order)

Scan rate:

Up to 8 Channel /Sec

Internal Storage:

1000 Samples

Channels:

As per Model Number

Memory:

Internal non-volatile

Display:

20X4 Intelligent LCD Display

Computer Interface:

RS-232 Interface/USB Optional

Software:

Provided with Unit

Power Supply:

200 to 250VAC ± 10%, 50 Hz

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PRODUCT

DATA SHEET

PRESSURE DATA LOGGER

PRODUCT INFORMATION

MODEL: BEP40-U40→ No. of Channels
(01-40)

- > High stabilized amplifier
- > High Performance ADC
- > User Friendly Keyboard



A pressure data logger is a device designed to measure and record pressure readings over a specific period of time. These loggers are commonly used in various industries and applications where monitoring and recording pressure changes are critical. It can measure up to 40 channels and display recorded data on LCD. 4*6 matrix Keypad is provided which make it easy to operate by user. The built-in real-time clock is provided to put the time stamp on the measured data. RS-232C link/USB is provided to transfer data to PC.

PRODUCT SPECIFICATION

Range:

Pressure - 0 to 40.00 Bar (As per Sensor)

Resolution:

Pressure - 0.01Bar

Accuracy :Pressure - $\pm 0.1\% \pm 1$ Digit**Sensor:**

4-20mA Pressure sensors

Scan rate:

Up to 8 Channel /Sec

Channels:

As per Model Number

Memory:

Internal non-volatile

Display:

20X4 Intelligent LCD Display

Computer Interface:

RS-232-C interface/USB Optional

Software:

Provided with Unit

Power Supply:200 to 250VAC $\pm 10\%$, 50 Hz**CONTACT US**Mob: +91 9149169401
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PRODUCT DATA SHEET

MULTI SENSOR DATA LOGGER

PRODUCT INFORMATION

MODEL: DL-MS-Cxx

└── (01-40)
 No. of Channels

- > High stabilized amplifier
- > High Performance ADC
- > User Friendly Keyboard



A Multi Sensor data logger is a device designed to measure and record sensors readings over a specific period of time. These loggers are commonly used in various industries and applications where monitoring and recording of parameters changes are critical. It can measure up to 40 channels and display recorded data on LCD. 4*6 matrix Keypad is provided which make it easy to operate by user. The built-in real-time clock is provided to put the time stamp on the measured data. RS-232C link/USB is provided to transfer data to PC.

PRODUCT SPECIFICATION

Range

Temperature: 0°C to 1370°C(As per Sensor)
Pressure : 0 to 200.0Kg/cm² (As per Sensor)

Resolution

Temperature:01°C
Pressure :0.1Kg/cm²

Accuracy

Temperature: 0.5%±1°C
Pressure : ±1 Digit

Sensor

Temperature: k type Thermocouple
Pressure: 4-20mA Pressure sensors

Scan rate : Up to 8 Channel /Sec

Channels

As per Model Number

Memory

Internal non-volatile

Display

20X4 Intelligent LCD Display

Computer Interface

RS-232-C interface/USB Optional

Software

Provided with Unit

Power Supply

200 to 250VAC ± 10%, 50 Hz

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PRODUCT DATA SHEET

TEMPERATURE DATA LOGGER

PRODUCT INFORMATION

MODEL: DL-T03

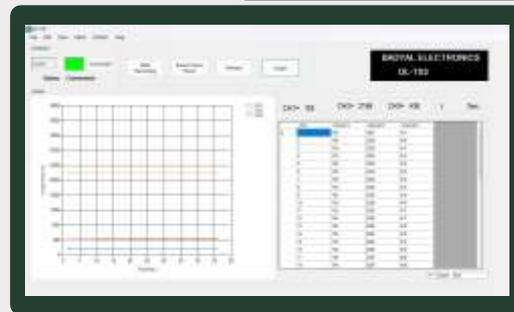
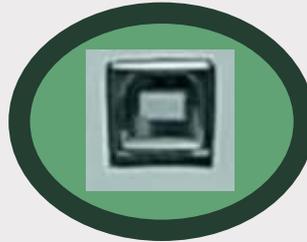
MODEL NUMBER	NUMBER OF CHANNELS
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DL-T01	1
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DL-T02	2
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DL-T04	4
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DL-T08	8
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- > High stabilized amplifier
- > High Performance ADC
- > Easy to operate

A Temperature data logger is a device designed to measure and record temperature readings over a specific period of time. These loggers are commonly used in various industries and applications where monitoring and recording of temperature changes are critical. It can measure up to 8 channels. RS-232C link/RS-485/USB Optional is provided to transfer data to PC.

PRODUCT SPECIFICATION

Range: 0°C to 1450°C(As per Sensor)

Resolution: 1°C

Accuracy : ±1°C

Sensor:

j, k, t type Thermocouple or Pt100
(To be specified with the order)

Scan rate:

Up to 30 Sample /Sec

Channels:

As per Model Number

Memory:

Internal non-volatile

Computer Interface:

RS-232-C interface/USB/RS-485 Optional

Software:

Provided with Unit

USB Isolation:

Provided

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