

# 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

<b>Input Voltage</b>	- 7V to 36V
<b>Communication Mode</b>	- Rs232
<b>Baud Rate (bps)</b>	- 9600
<b>Input</b>	- CH-15
<b>Input Voltage Range</b>	- 7 to 37V
<b>Output Type</b>	- Open-Drain
<b>Max. Output Load</b>	- 500mA
<b>Flyback Diode</b>	- 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/cm<sup>2</sup> (As per Sensor)

#### Resolution

Temperature:01°C  
Pressure :0.1Kg/cm<sup>2</sup>

#### 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**

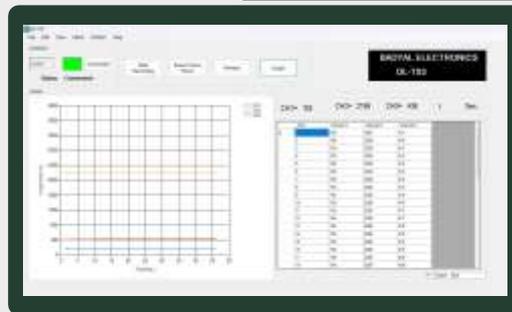
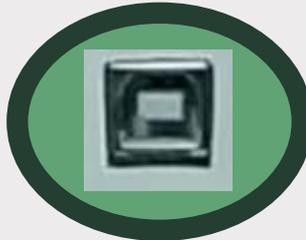
MODEL NUMBER	NUMBER OF CHANNELS
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DL-T01	1
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DL-T02	2
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DL-T04	4
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DL-T08	8
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- > 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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# PRODUCT

## TECHNICAL DATA SHEET

### 3.5 DIGIT VOLTMETER, Series: DVM4896

#### PRODUCT INFORMATION

MODEL NUMBER	MEASUREMENT RANGE
DVM4896mV200	0-199.9 mV
DVM4896V2	0-1.999 V
DVM4896V20	0-19.99 V
DVM4896V200	0-199.9 V



DVM4896 voltmeter is compact 3.5-digit voltmeter module commonly used in industrial settings for its reliability and accuracy in measuring voltage. It is used for testing and calibrating electrical equipment, ensuring they operate within specified voltage levels.

#### PRODUCT SPECIFICATION

<b>Power Supply</b>	- 240V AC, 50Hz
<b>Measurement Range</b>	- As per Model
<b>Output Current</b>	- As per Model
<b>Accuracy</b>	- 50/60Hz
<b>Display Type</b>	- 4 Digit 7 seg 0.56",red LED Display
<b>Body Type</b>	- Plastic
<b>Size</b>	- 48x96 mm
<b>Colour</b>	- Black

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# PRODUCT

## TECHNICAL DATA SHEET

### SMPS POWER ADAPTER, Series: ADP

#### PRODUCT INFORMATION

MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT
ADP-12V02A	12V	2A
ADP-12V 01A	12V	1A
ADP-05V02A	05V	2A
ADP-05V01A	05V	1A



This portable power converter is best for Industrial use, electronic prototypes and development boards, as well as equipment with specific voltage and current ratings, such as biometric attendance systems, Internet routers, switches and medical devices. It is tiny and compact, making it easy to store.

#### PRODUCT SPECIFICATION

<b>Input Voltage</b>	- 100-240V AC
<b>Output Voltage</b>	- As per Model
<b>Output Current</b>	- As per Model
<b>Rated Frequency</b>	- 50/60Hz
<b>Body Type</b>	- Plastic
<b>Colour</b>	- Black

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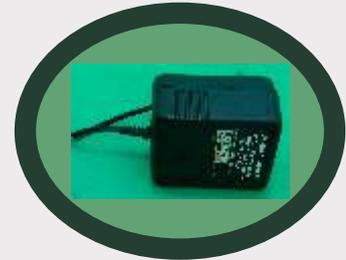
# PRODUCT DATA SHEET

## WRIST STRAP ON-LINE MONITOR WITH DC ADAPTER

### PRODUCT INFORMATION

**MODEL: 518-MA**

- > Compact Design
- > Easy to Install
- > LED Indication
- > Alarm Facility
- > Highly Insulated Power Supply



An ESD (Electrostatic Discharge) wrist strap continuous monitor is a device used in electrostatic protected areas (EPAs) to ensure that personnel handling sensitive electronic components remain grounded to prevent ESD damage. ESD Wrist Strap Online Monitor 518M ensures continuous monitoring of wrist strap functionality and ground connection, providing uninterrupted anti-static protection for your equipment.

### PRODUCT SPECIFICATION

#### Wrist Strap ON-LINE Monitor

**Model: 518-M**

#### **Input Power:**

Voltage - 6V to 13V

Current - <100mA

#### **Body:**

Material - ABS Plastic

Dimension -

#### **Indication :**

Buzzer - Provided

LED - Provided

#### **Monitoring:**

By Capacitive Method

#### DC Power Supply Adapter

**Model: NR-12V**

#### **Input Power:**

Voltage - 220-240V ac

Frequency - 50-60 Hz

#### **Output Voltage:**

At 200mA Load-9V

#### **Insulation Breakdown :**

Test at- 4KV

#### **Insulation Resistance**

Between Input And Output-

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