

DIGITAL PANEL METER

Operation Manual

Thank you for purchasing our product !



It is important to read the Setup Guide before installing or commissioning this instrument as it contains important information relating to safety and EMC.

Please verify the panel cutout dimensions and mount according to instructions.

SAFETY CONSIDERATIONS

Unpacking and Inspection

Note

Your instrument has been carefully tested and inspected prior to shipment. Unpack the instrument and inspect for obvious shipping damage. Please do not attempt to install or operate the unit if damage is found.

This instrument is a panel mount device protected in accordance with Class I of EN 61010. Installation of this instrument should be done by Qualified personnel. In order to ensure safe operation, the following instructions should be followed.

This instrument has no power-on switch; it will be in operation as soon as power is connected. Do not make signal wiring changes or connections when power is applied to the instrument. Make signal connections before power is applied and, if reconnection is required, disconnect the power before such wiring is attempted.

Note

- Do not exceed voltage rating stated on the specifications.
- Always disconnect power before changing signal and power connections.
- Do not use this instrument on a work bench without its case for safety reasons.
- Do not operate this instrument in flammable or explosive atmospheres.
- Do not expose this instrument to rain or moisture.
- Whenever EMC is an issue, always use shielded cables.
- Instrument which will not be installed immediately should be stored in a clean, dry location.

WARNING: The use of this instrument in a manner other than specified may impair the protection of the instrument and subject the user to hazard.

Careful use of the instrument will provide years of reliable service.



At the end of its life cycle, dispose of this product in accordance with local and national disposal regulations.

The information contained in this document is believed to be correct but e3b6a5y GlobalDigital accepts no liability for any errors it contains, and reserves the right to alter specifications without notice.

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FEATURES:

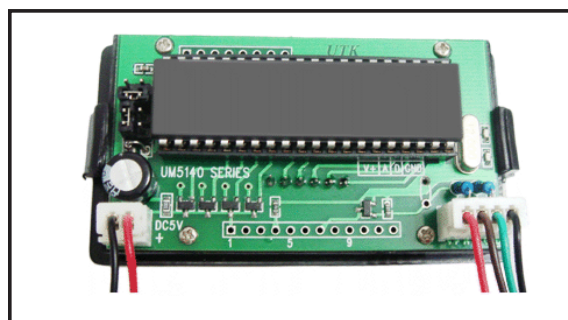
- Ultra-bright 7-Segment LED display
- 14.2 mm (0.56 inches) digit height
- Blue/red/green colour displays available
- Jumpers for easy setting
- Automatic zeroing or hold function
- High input impedance
- Low cost high accuracy
- Connection cables (pigtails) included
- Easy to install (DIY), snap-in/mount in panel
- Ideal for various applications

OPERATION SPECIFICATION:

Power Source	4V to 8V DC powered
Power Consumption	<80 mA
Maximum Count	9999
Countdown Range	0~9999 Hours 0~9999 Minutes 0~9999 Seconds
Timing Accuracy	+/-40ppm (2~3 Sec/Day)
Resolution	1 Second, 1 Minute or 1 Hour
Input Impedance	=>33Kohms
Input Sensitivity	3~100V DC
Operating Temperature	0 to +60° C (32 to 140° F)
Storage Temperature	-20 to +80° C (-4 to 176° F)
Temperature Coefficient	1ppm/°C (0~60°C)
Humidity	0~95%RH
Over Range Indication	Auto Zero or Hold
Panel Cutout	71(W) x 39(H) mm
Dimensions	79(W) x 43(H) x 23(D) mm

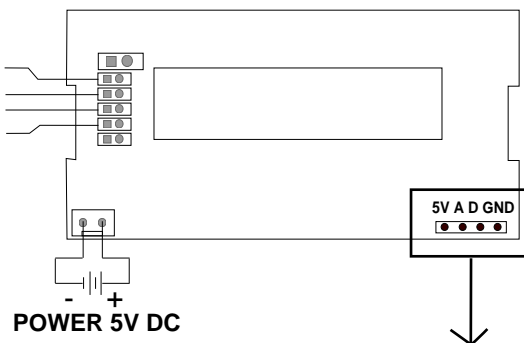


Please check to make sure that the item you have received is exactly the SAME as shown in the picture above.

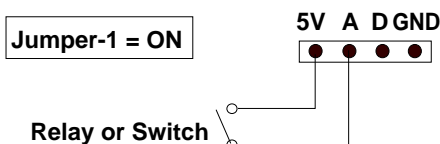


2 & 4-pin Pigtail Connectors included

Auto Zeoring = Jumper-1 ON
Second = Jumper-2 ON
Minute = Jumper-2 ON
Hour = Jumper-2 ON

WIRING INFORMATION

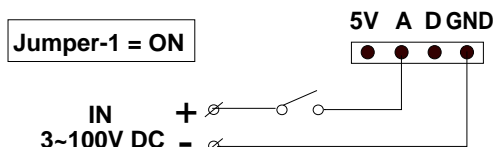
A. Timing begins when Relay/Switch = ON
Zeroing out when Relay/Switch = OFF



C. Timing begins when K1 = ON
Timing stops when K1 = OFF
Zeroing out when K2 = ON



B. Timing begins when 3~100VDC is applied
Zeroing out when voltage is OFF



D. Timing begins when 3~100VDC is applied
Timing stops when voltage is OFF
Zeroing out when the other switch = ON

