



Sensing Solutions since 1959

# MD4814 Series Technical Data Sheet

## Digital Panel Meters



MD4814-012-00-4

### ORDERING INFO:

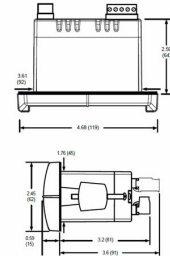
1. MD4814-110-00 110VAC Input, +24VDC Output, 0.56" Display, No Relays
2. MD4814-110-02 110VAC Input, +24VDC Output, 0.56" Display, 2 Relays
3. MD4814-110-X2 110VAC Input, +24VDC Output, 1.2" Display, 2 Relays
4. MD4814-024-00-4 12-36 VDC Input, 0.56" Display, No Relays, 4-20mA Output

### PART NUMBER CONFIGURATOR:

MD4814-XXX-XX-X

- Output Current: Blank = None  
4 = 4-20mA
- Output Relays: 0 = No Relays  
2 = 2 Relays
- Display Size: 0 = 0.56"  
X = 1.2"
- Input Voltage: 110 = 85 - 265 VAC  
024 = +24/12 VDC

### Mounting Dimensions



Notes:  
 1. Panel cutout required: 1.772 x 3.822 (45 x 97)  
 2. Panel thickness: 0.540 - 0.250 (1.0 - 6.4)  
 3. Mounting brackets lock in place for easy mounting



## Applications

- Provides a visual indication of tank/container liquid level
- Processes signal conversion into digitally displayed sensor values for real time liquid level indications
- Accepts most standard process sensor signals like 4-20mA, 0-10VDC, or temperature (RTD, thermocouples)

## Custom Solutions

At times, OEMs, end users or military specifiers require a customized solution or sample product to test. Madison Company can design, manufacture and ship a custom switch or sensor in just six business days. Simply communicate the quantity and requirements to our technical sales staff. We will quote the product to establish budget and ROI. Following the quote approval, Madison engineers will design the switch or sensor that satisfies the application specifications, and provide proof of concept. Upon approval, we will build and ship the product or sample.

## Related Products



MD4814-110-00



MD4814-110-02



MD4814-110-X2

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Madison Company, Inc.  
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## Digital Panel Meters

Digital Panel Meter Specifications							
Model	Display	Electrical Connectors	Input Types	Input Voltage	Relay	Supply Voltage (DC)	Switch Rating
MD4814-012-00-4	4 digit display, .56"	Plug-in, screw terminal connectors	Input signals: 4-20mA, 0-10 VDC, RTDs, T/C	12-36 VDC	None	None	
MD4814-110-00	4 digit display, .56"	Plug-in, screw terminal connectors	Input signals: 4-20mA, 0-10 VDC, RTDs, T/C	85-260 VAC	None	24 VDC, 200 mA	
MD4814-110-02	4 digit display, .56"	Plug-in, screw terminal connectors	Input signals: 4-20mA, 0-10 VDC, RTDs, T/C	85-260 VAC	2 SPDT Form C	24 VDC, 200 mA	Normally Open Contacts: 3A @ 250VAC resistive; 3A @ 30VDC resistive, 50-Watts 125/250VAC for conductive loads.
MD4814-110-X2	4 digit display, 1.20"	Plug-in, screw terminal connectors	Input signals: 4-20mA, 0-10 VDC, RTDs, T/C	85-260 VAC	2 SPDT Form C	24 VDC, 200 mA	Normally Open Contacts: 3A @ 250VAC resistive; 3A @ 30VDC resistive, 50-Watts 125/250VAC for conductive loads.

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