



UNIVERSAL INPUT DIGITAL PANEL METER QUICK START GUIDE

Revision 1



Download Full Manual

Safety and Installation



Check that the model number and supply voltage suit your application before you install the meter.



Connect the meter according to current IEE regulations, IEC61010 and NFPA:70 National Electrical Code in USA.



This meter is for Installation Class II service only. This means it has exposed electrical and power terminals. You must install it in a suitable fire enclosure which will also protect users from electric shock.



We designed this meter for Pollution-Degree 2 environments only.



Power supplies to this equipment must have anti-surge (T) fuses rated at 2A for 95-265V supply, or 5A for DC supplies in the range 11-30VDC. A switch or circuit breaker, clearly marked as a disconnecting device, must be included close to the installation.



Don't touch any circuitry after you have connected the meter, because there may be lethal voltages on the circuit board.



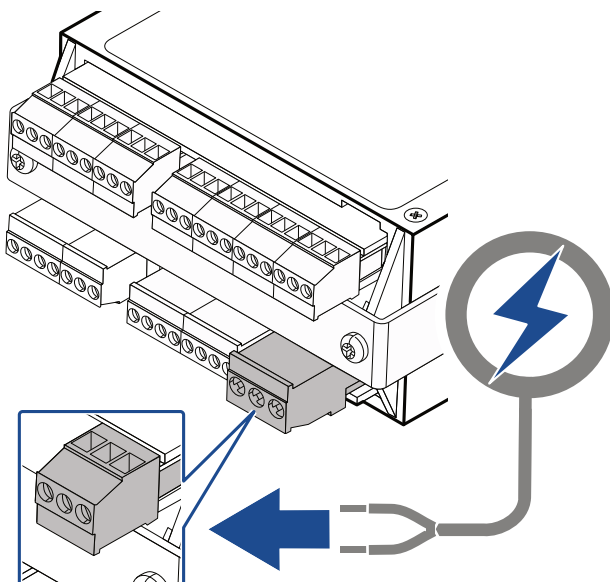
Only adjust on-board switches or connections with the power turned off.



Make sure all screw terminals are tight before you switch the meter on.



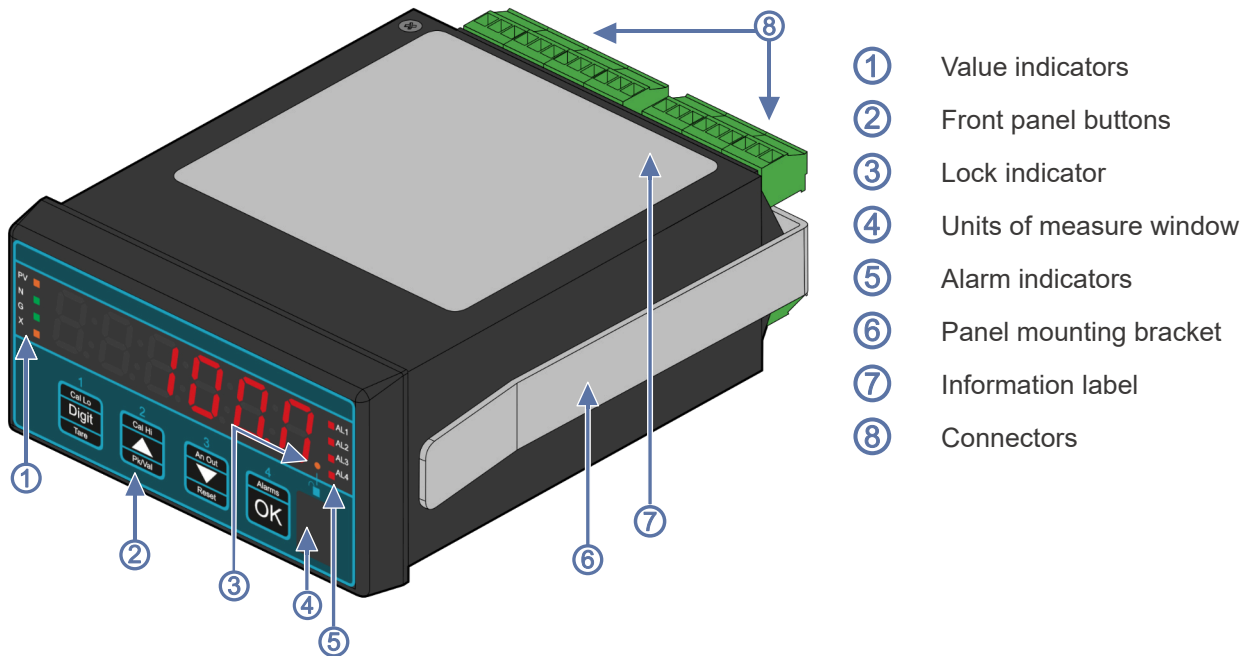
Only clean the meter's front with a soft damp cloth. Only lightly dampen with water. Do not use any other solvents. The behind-panel case may be cleaned with a dry cloth only, use no liquid or solvent on it.



AC Powered	Pin	Description
	16	
	17	Neutral
	18	Live

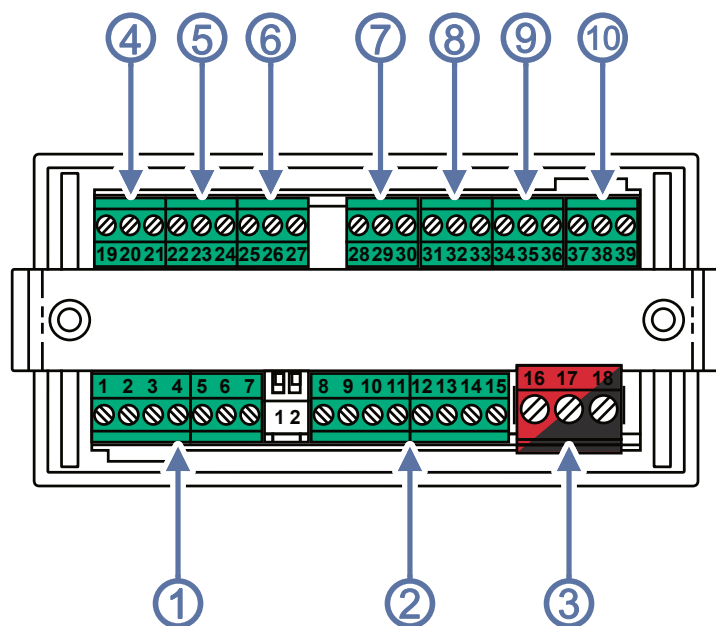
DC Powered	Pin	Description
	16	
	17	Ground (GND)
	18	11-30V DC

Parts Index

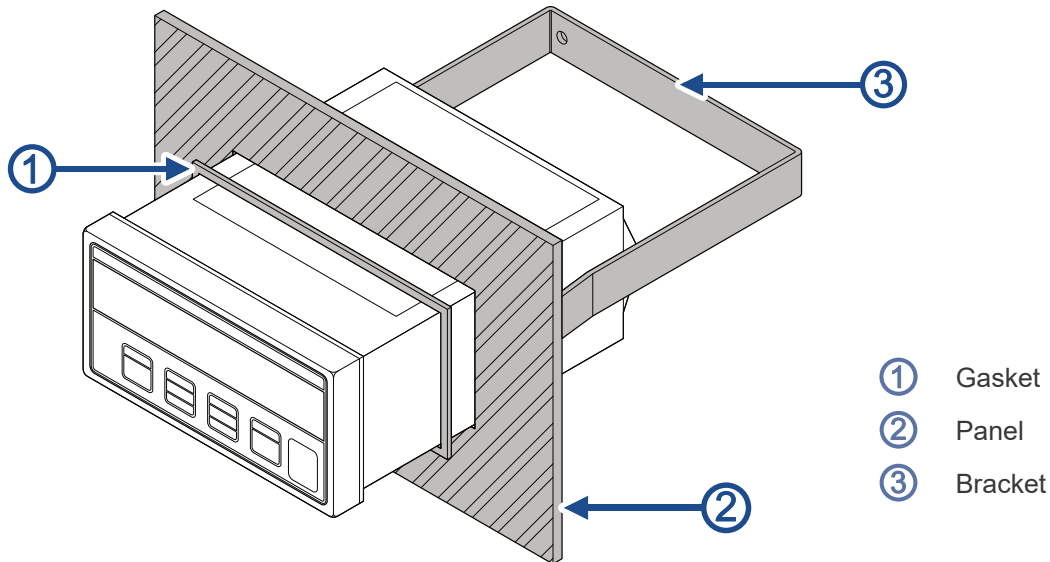


Connectors

- ① Analogue signal input
- ② Logic and pulse signal inputs
- ③ Power supply input
- ④ Analogue output
- ⑤ Data port 1
- ⑥ Data port 2
- ⑦ Alarm relay 1
- ⑧ Alarm relay 2
- ⑨ Alarm relay 3
- ⑩ Alarm relay 4



Panel Mounting



Unlocking

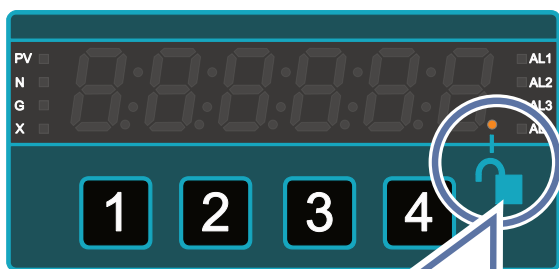


Before you can change your configuration settings you must first unlock the configuration menu.



Caution

When you switch your meter on, it will be locked automatically.



In normal running mode, press button 4 (OK) button for 10 seconds until display shows 'Ed.CF'. Do not release the button when you see 'Ed.AL'

You can now edit all parameters and modes in the meter.

		Fully Locked Indicator lock icon is off at all times
		Alarm Settings Unlocked Indicator lock icon on for 0.2 seconds and off for 3.8 seconds
		Configuration Settings Unlocked Indicator lock icon on for 3.8 seconds and off for 0.2 seconds

Select Input Type














Unlock the configuration menu.

Press buttons **1** (Digit) and **2** (Δ) together for at least 6 seconds.

The display will say: '**tYPE**'. Do not release the buttons when you see: '**C.Src**'.

Press **2** (Δ) or **3** (∇) repeatedly until you see the required input function.

Press Button **4** (OK) to save your choice.

	Loadcell
	4-20mA
	0-10V
	Shunt
	Elapsed timer
	Power frequency
	Rate
	Total
	Thermocouples
	Resistance
	Potentiometer
	Rtd.A/b
	Clock

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WEEE

In Europe, this equipment must be disposed of in accordance with European Parliamentary Directive 2012/19/EU. This directive encourages recycling and the reduction of waste materials in the environment. This means it must be sent to an approved recycling plant if you want to dispose of it. It must not be thrown away with general rubbish.



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