

TP-400mini



Introduction:

➤ This is microcontroller based Indicator unit. It is highly versatile, Accurate and different from the conventional indicators. It displays Analog signal (mV) Input from the Load cell into engineering Values. With the help of the keypad and display, Unit allows to set & modify Various configuration parameters & calibration.

General Specification:

Display	6 Digits, 7 Segments Red LED, 0.56" height
Keyboard	4Keys (Index, Up arrow, Side arrow and ESC)
EEPROM / Flash Memory	Configuration Data are stored in serial EEPROM / Flash RAM and Battery backup no required.
Analogue to Digital Convertor	
Type	24 bit, (Delta-sigma with integrated analogue and digital Filter
Conversion Rate	15 Measurement Values per second
Resolution	Internal up to 16 million counts; Display up to 10,000 Counts
Scale calibration and function	
Calibration	Calibration with weight
Digital filter	Step width:0,1,2,5, Round Off:1,2,5, Moving average:0 to30
Weighing function	Tare, Zero, auto Zero tracking, auto Zero at power-up, auto-net at power up.
Linearity	Within 0.01% F.S.
Load cell	
Excitation	5VDC at 58...1 200Ω, max 100mA
Number of Load cell	Up to 8 Load cells(350Ω) or 18 load cell (1100Ω) in parallel
Connection	4-wire technology
Power supply	12...24VDC, max.300Ma/ 110-230VAC(Factory configured)
Housing and production	Panel Mount, Aluminium Extruded, SS Front & Back
Dimensions and weight	48 X 96 X 110mm (W X H X D)
Cut out	92mm (W) X 44mm (H)
Serial Interface	RS-485 / RS-232C
Baud rate	1200 to 115200 Baud
Digital Input	Two digital inputs, Isolated Remote input for GROSS/NET, TARE and ZERO Function Programmable.
Out put	Up to 2 Relays output(Batching or Alarm selectable)
Analog Out put	4-20mA, 0-20mA,0.10V to 0-5V, 16bit(Isolated)

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