

# Model PT200MI

## MINI WEIGHING INDICATOR



The PT200MI digital weight indicator is a panel mount instrument for process and general weighing.

The standard instrument has many functions and optional features enable integration into most automation systems.

## FEATURES

- Compact panel mount
- Mains powered
- 3 opto-coupled inputs  
9 selectable input functions
- High speed  
Up to 200 conversions/second
- Peak/valley hold  
6 modes available
- Standby mode
- kg/lb conversion
- Key entry span calibration
- Remote keyboard control
- Bi-directional communications  
(Serial option required)
- Configuration via. serial port  
(Serial option required)
- Single component batching  
(Options required)
- Hi/Lo setpoints (4)  
(Comparator option required)
- Hysteresis setting for setpoints
- Remote and local printing  
(Option required)

## APPLICATIONS

- Platform & hopper scales
- Process weighing
- Batching
- Test & measurement scales

## Specifications

Power Supply (Selectable)	110V or 220V AC, 50/60 Hz	BCD Output Rate (Selectable) ~	4, 8, 16, 20, 60, 80 or 100
Power Consumption	9VA	RS232/RS485 Port ~	Bi-directional
Line Filter	Built-in		2400, 4800, 9600 or 19200 baud
Load Cell Type	All strain gauge type		7 data bit, even parity, 1 stop bit
Load Cell Supply *	10V DC, 150mA (4 x 350Ω load cell)	Unit	kg/t selectable
Input Sensitivity (Selectable)	0.5μV/D to 200μV/D	Relative Humidity	90% Non-Condensing
Hi/Lo or Control Output ~	Photo-coupler 80V DC max 0.3A	Operating Temperature Range	-5 ~ 50°C (23 ~ 122°F)
Zero adjustment range	0.05mV ~ 15mV	Temperature Coefficient	8ppm / °C of FSD
Scale Range	500 ~ 100,000	Non-linearity	0.005% FSD
Step Width	1, 2, 5, 10, 20 or 50	Dimensions	144mm(L) x 96mm(W) x 48mm(H)
Maximum Display Resolution	10,000 divisions	Conversion Rate	200 times/second (max)
Display	13mm LED display (6 digits)	Internal Resolution	16,700,000
Display Up-Date Rate (Selectable)	1, 4, 8, 16 or 20	Supplied Accessories	Instruction Manual
(* Reduces to 120mA with mA output option)		Net Weight	450gms approx
			(~ Option purchased separately)

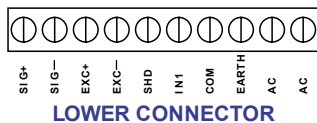
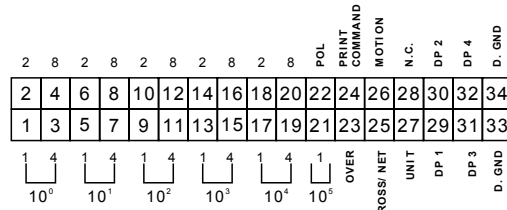
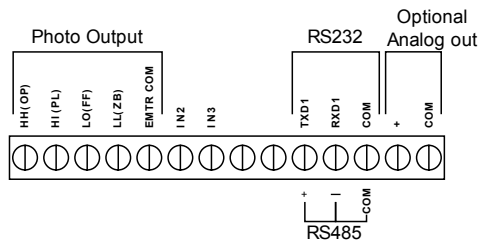
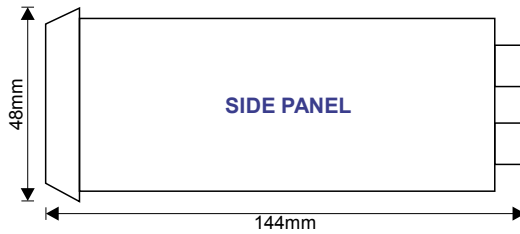
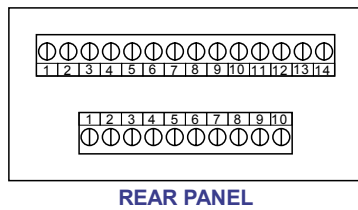
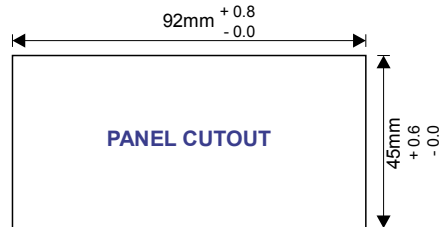
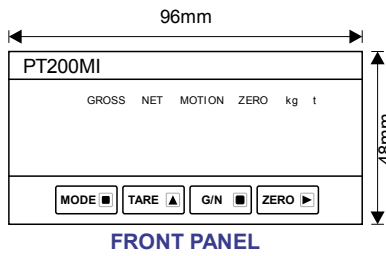


# Ordering Information

MODEL	Part Number
PT200MI	EP220MI0000XXX

OPTIONS (* Mutually Exclusive)	Part Number
Parallel BCD Output*	EO220MIOP1XBCD
RS232 Input & Output Port	EO220MIOP2X232
RS485 Input & Output Port	EO220MIOP3X485
0~ 20/4~ 20 mA Analog Output*	EO220MIOP4X420

OPTIONS (* Mutually Exclusive)	Part Number
0~ 5V Analog Output*	EO220MIOP5X10V
Hi/Lo Comparator Output (HH,Hi,Lo,LL)	EO220MIOP6XHLO
# Single Material Batching Control Software (# Requires EO220MIOP6XHLO)	EO220MIOP7XBSW



**PT Cable Colour Code**

Excitation	+ ve	<b>Red</b>
Sense	+ ve	<b>Brown</b>
Excitation	-ve	<b>Black</b>
Sense	-ve	<b>Blue</b>
Signal	+ ve	<b>Green</b>
Signal	-ve	<b>White</b>

**SUPPLIED BY:**  
(Dealer/Agent/Representative Details)



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