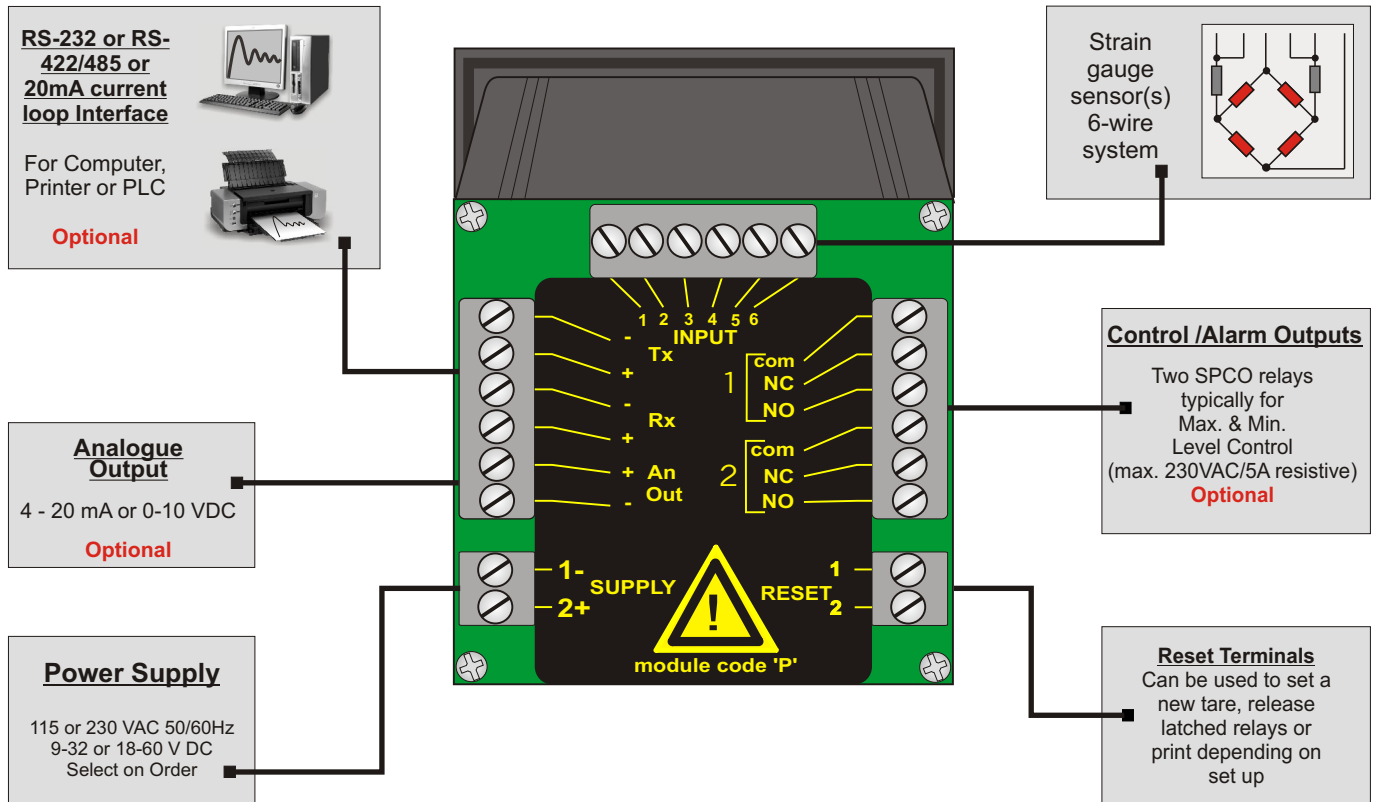




Digital Weigh Indicator, Model Mi4000

- Fully programmable via keypad and comms port
- Password protected, keypad disable
- Auto calibration and auto tare
- 4.5 digit high resolution
- Gross, Tare and Net functions
- Optional RS 232, RS 485 or current loop interfaces
- Optional analogue output with voltage or current
- Optional up to 16 relay setpoints
- Various power supply options
- Panel or DIN rail mounting



Specifications

Specifications are subject to change without prior notice

Accuracy : $\pm 0.08\%$ of reading $\pm 0.05\%$ F.S. typical 90 days.
 Excitation Voltage : 10 V DC driving up to 4 load cells with 350 Ohm bridges with sense circuit.
 Input Signal Range : 0...2V (0.5mV/V to 200mV/V) selectable
 Digital Display : 4.5 digit 10 mm red LED. Display range $\pm 19,999$ counts. Display averaging
 ADC Resolution and Speed : 15 Bit ADC with 10 samples per second
 Security : Password protected keypad disable
 Reset Terminals : Can be used to either set a new tare, release latched relays or print (select in set up)
 Calibration : Auto calibration and auto tare.

Temperature Drift : 0.002%/°C typical at 2.5mV/V
 Temperature Range : -10°C to +50°C
 Housing : Grey Noryl, flame retardant plastic
 Dimensions : 72 x 72 x 163 mm (excluding mounting terminals), Weight approx. 0.8 kg
 Power Supply : 115 or 230 VAC 50/60 Hz or 9-32 or 18-60VDC - Select on order

Options

Analogue Output : 4-20mA or 0-10VDC
 Relay outputs : Two SPCO relays, voltage 230 V AC max. current 5 A resistive. With special version of Mi4000 (SP16), up to 16 relays can be controlled. Requires additional REM PSU
 Computer Interface : 4 wire RS 422/485 electronically isolated, 300...9600 Baud. Up to 32 units RS 232 for connection to a printer or current loop using optional IF25 interface.
 DIN Rail Mount : Replaces unit back panel to provide DIN rail mount and screw terminal connections

DSMI4000-1, 03/05