



Main Applications

- ◆ Weight/Force Display.
- ◆ Peak Value Detection / Display Holding.
- ◆ Weight/Force Signal AO/Digit Transmission.
- ◆ Setpoint DO Output.
- ◆ Weight/Force Limit DO Alarm Mode.
- ◆ Weight/Force Increment DO Output Mode.
- ◆ Weight/Force Decrement DO Output Mode.
- ◆ Weight/Force Section DO Output Mode.

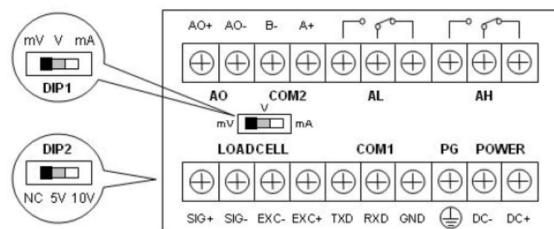
Main Features

- ◆ EMC design with high anti-jam for industrial environment.
- ◆ DC24V power input with reverse polarity protection.
- ◆ 32-bit ARM CPU with 48MHz clock & high arithmetic speed.
- ◆ 6 Red LED digital tubes for English&digit display.
- ◆ 24-bit $\Sigma-\Delta$ ADC with internal resolution 1/1,000,000.
- ◆ High sampling frequency 1280Hz.
- ◆ Optional Special Anti-vibration Digital Filtering Algorithm for precise weighing, stable display and rapid response.
- ◆ Auto Zero Tracking.
- ◆ Load Calibration, Data Calibration & Segmenting Correction.
- ◆ Definable AO/COM[Communication Port].

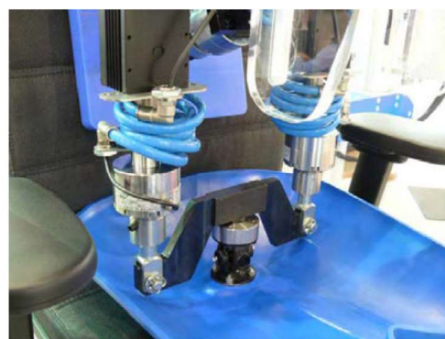
Technical Specifications

- ◆ Power Supply: DC24V \pm 20%, Max. 5W.
- ◆ Loadcell Excitation Voltage/Current: DC5V/120mA.
- ◆ 8 Loadcells[350 Ω] connectable.
- ◆ Transmitter Excitation Voltage/Current: DC12V/100mA.
- ◆ Optional weighing/force input signal mV, V and mA.
- ◆ 【mV】 Signal Input Range: 0~19.5mV.
- ◆ 【V】 Signal Input Range: 0~2.5V, 0~5V, 0~10V.
- ◆ 【mA】 Signal Input Range: 0~20mA.
- ◆ 2 Normally open/closed Relays [DO]: AC250V/DC24V, 1A.
- ◆ 1 Analog Signal Output [AO]: 0~20mA, 0.05%FS.
- ◆ COM1: RS232.
- ◆ COM2: RS485.
- ◆ Connect Host IPC[Modbus] & Remote Display.
- ◆ Outline Size [W×H×D]: 107 × 60 × 100 mm.
- ◆ Panel Cut-out Size [W×H]: 94 × 47 mm.
- ◆ Operating Temperature: -25°C~+45°C.
- ◆ Protection Level of Front Panel: IP65.
- ◆ Accuracy Grade: III.
- ◆ Verification Accuracy: 0.03%.
- ◆ Static Weighing / Force Measuring Accuracy: 0.2%~0.5%.

High-frequency Sampling Rapid Dynamic Response Multiple Input Signals Real-time Data Display



Signal Terminal



Breakdown Test [Peak Value Detection]