

### Main Applications

- ◆ Crane [Wheel Crane, Travelling Crane, Frame Crane, Bridge Crane and so on] Overload Protection.
- ◆ Sound-light Pre-alarm for Weight High Limit.
- ◆ Delay-stop for Weight Higher Limit.
- ◆ Emergency-stop for Weight Highest Limit.

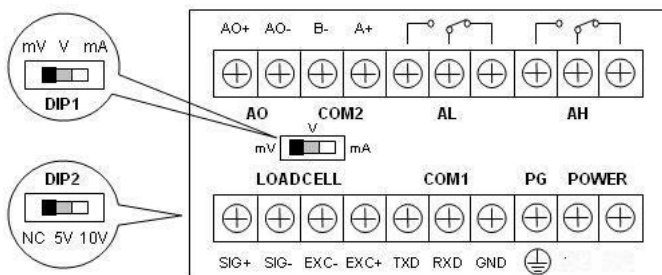
### Main Features

- ◆ EMC design with high anti-jam for industrial environment.
- ◆ 32-bit ARM CPU with 48MHz clock & high arithmetic speed.
- ◆ 5 Red LED digital tubes for English & digit display.
- ◆ 24-bit  $\Sigma-\Delta$  ADC with internal resolution 1/1,000,000.
- ◆ High sampling frequency 640Hz.
- ◆ Special Anti-vibration Digital Filtering Algorithm for precise weighing, stable display and rapid response.
- ◆ Auto Zero Tracking.
- ◆ Load Calibration & Data Calibration.
- ◆ Definable AO/COM[Communication Port].

### Technical Specifications

- ◆ Power Supply: 230VAC
- ◆ Loadcell Excitation Voltage/Current: DC5V/120mA.
- ◆ Range: 0-100%
- ◆ Transmitter Excitation Voltage/Current: DC12V/100mA.
- ◆ Optional weighing 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 of each controller [W×H×D]: 107 ×60 ×400 mm.
- ◆ Panel Cut-out Size of each controller [W×H]: 94 ×47 mm.
- ◆ Operating Temperature: -25℃ ~+45℃.
- ◆ 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   Anti-vibration Filter   High-accuracy Weighing   Real-time Alarm Output



Signal Terminal



Crane Overload Protection