

LC800 Digital Weighing Indicator

Characteristics & Usage:

The proportional measurement method is used to quickly collect, filter, scale transform, nonlinear correction and display of the measured signal. Upper and lower limit comparison function peak valley value capture function. It has power on reset, manual reset (key, communication), automatic reset. It has zero tracking and creep tracking functions. Sensor overrun record. Isolated Rs485 communication is optional, and Modbus RTU protocol and active transmission protocol are supported. Optional isolated transmission output. Support voltage output 0-10V, and 4-20mA output. Double row display. 6-bit main display and 8-bit auxiliary display, 6-bit LED display unit. Capacitive touch button with key lock function.



Fast collection



Filter



Non-linear correction



Scale conversion



Power-on reset



Auto-zero



Manual reset (key/communication)



Creep tracking



Sensor overrun record



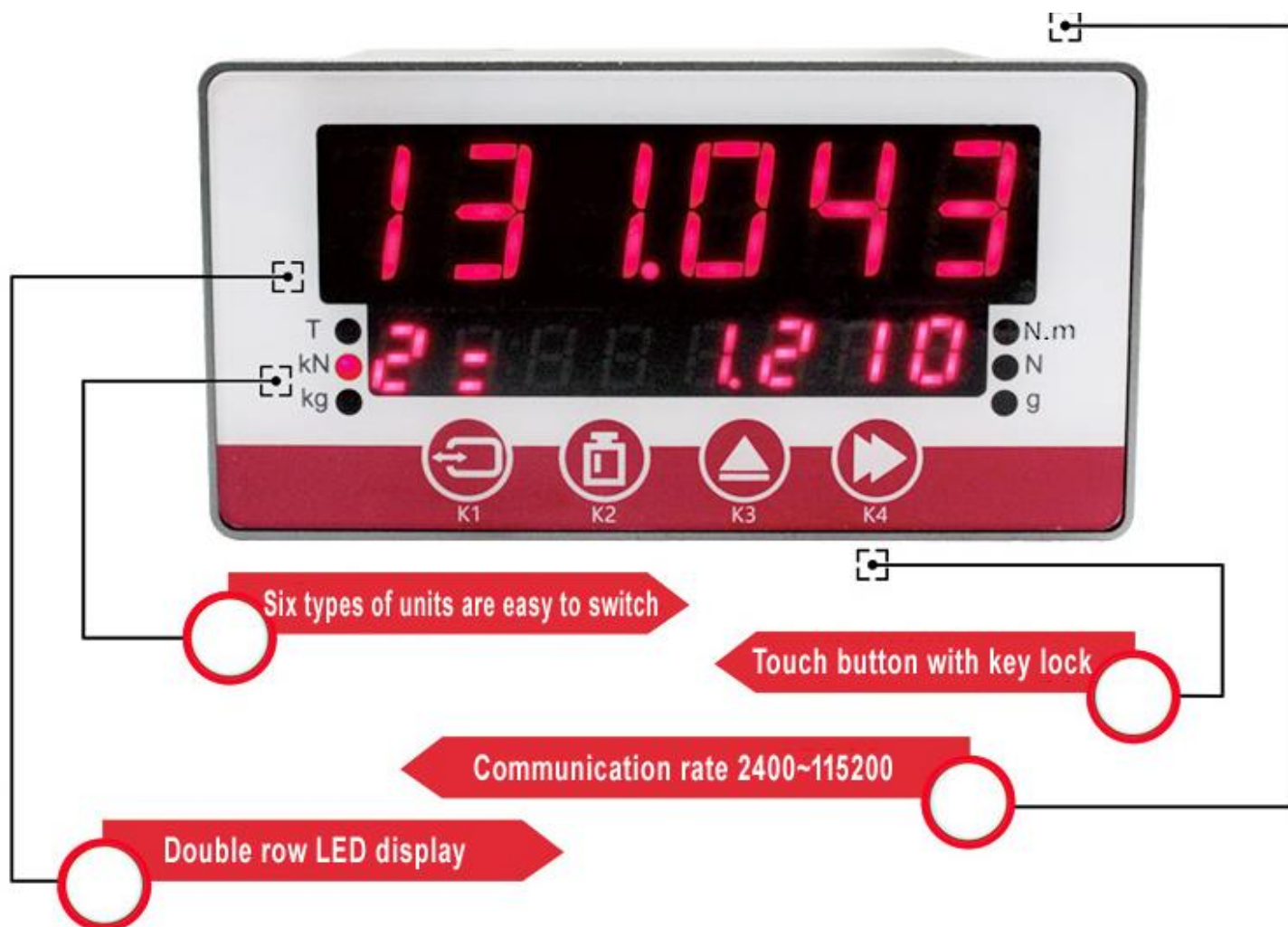
Start adding materials



Start unloading materials



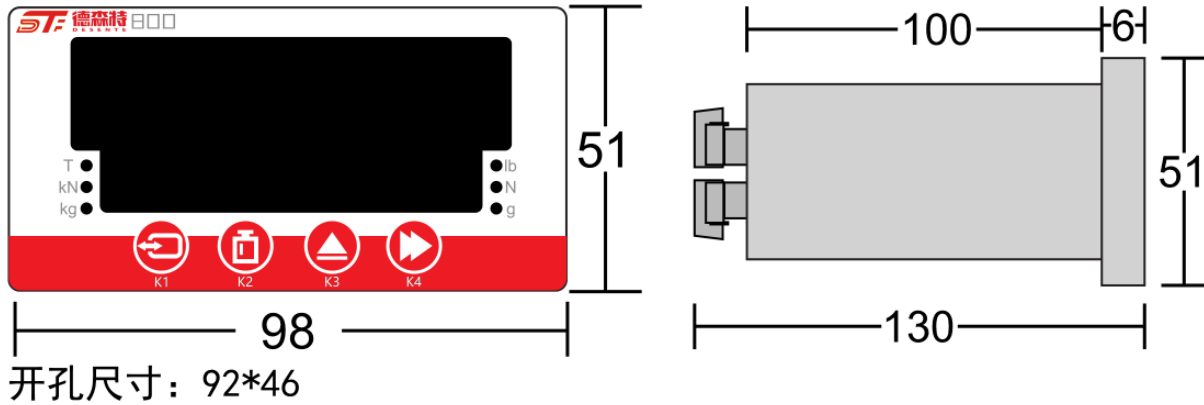
With key lock



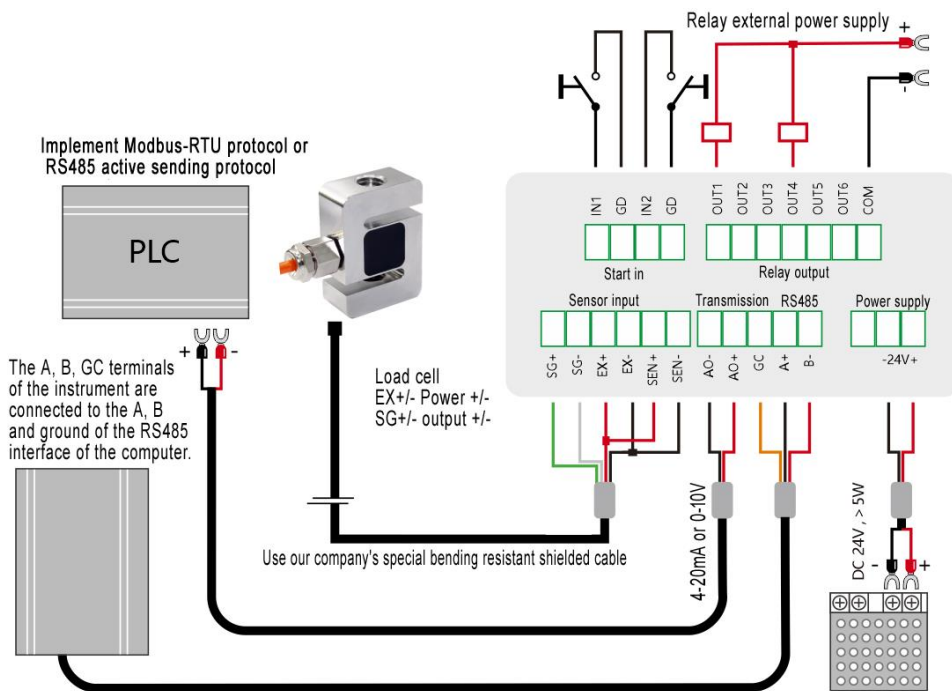
Technical parameters:

Power supply	5V
Accuracy	Better than 0.01%
Acquisition rate	5-200Hz, temperature drift is less than 10ppm
Display dividing	-99999~999999
Transmission output	0-10V or 4-20mA
Communication rate	2400-115200
Switch output	6 relays
Switch input	2-way start in
Node drive capability	3A/250Vac or 30VDC (resistive load)
Supply voltage	10-30VDC
Working environment	-20~70°C, relative humidity <90% (no condensation)

Dimensions (mm) :

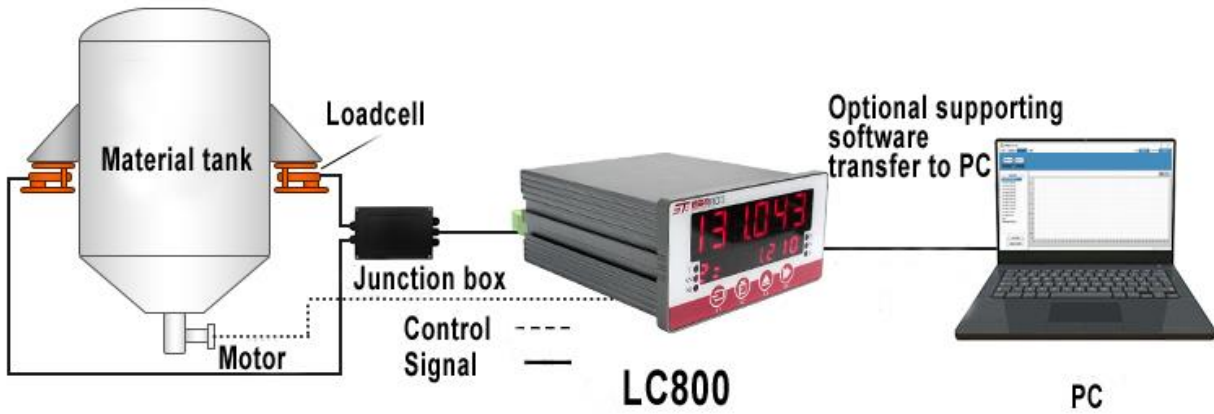


Connection diagram:

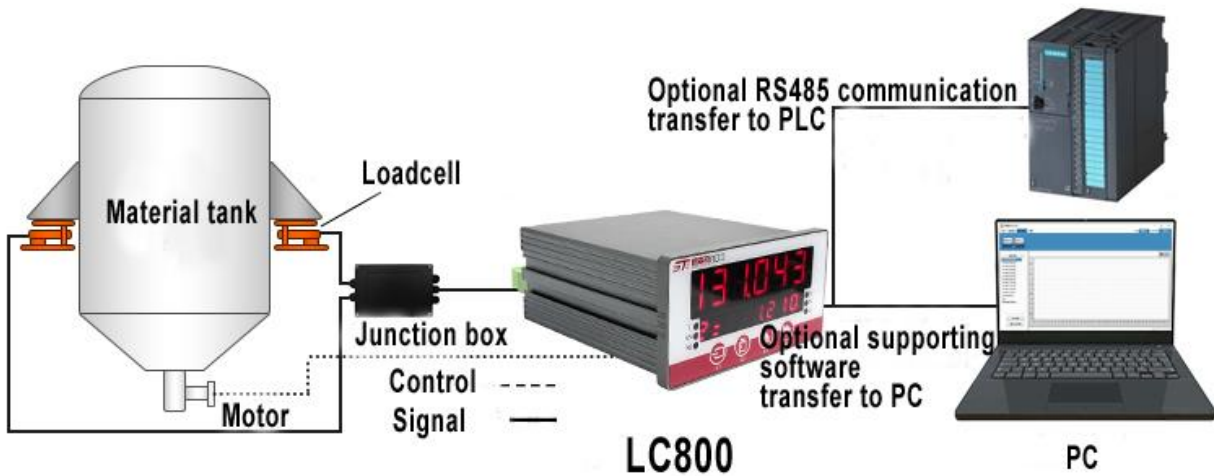


Instrument selection scheme:

2 sets of relays + communication

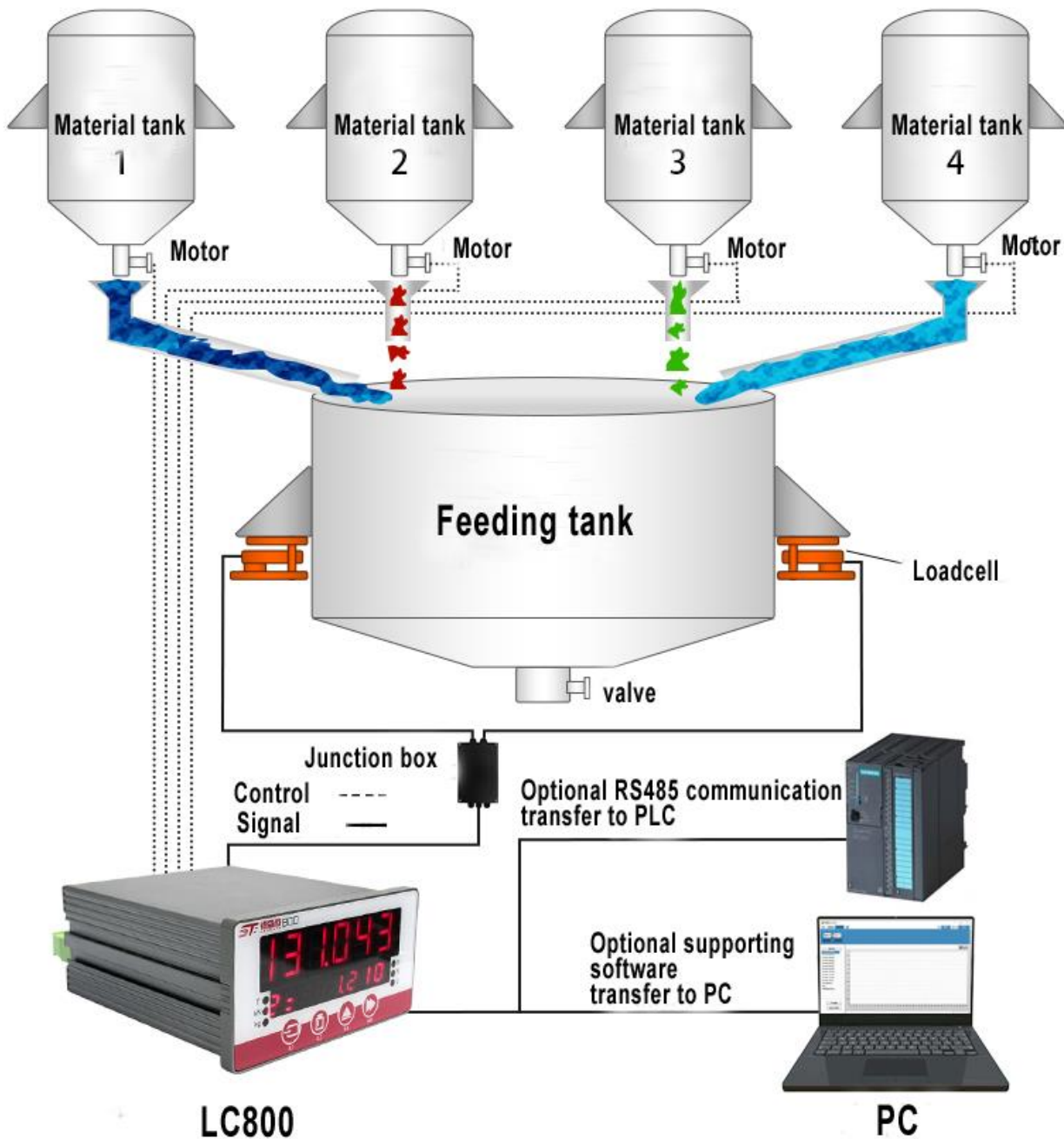


2 sets of relays + communication + voltage/current

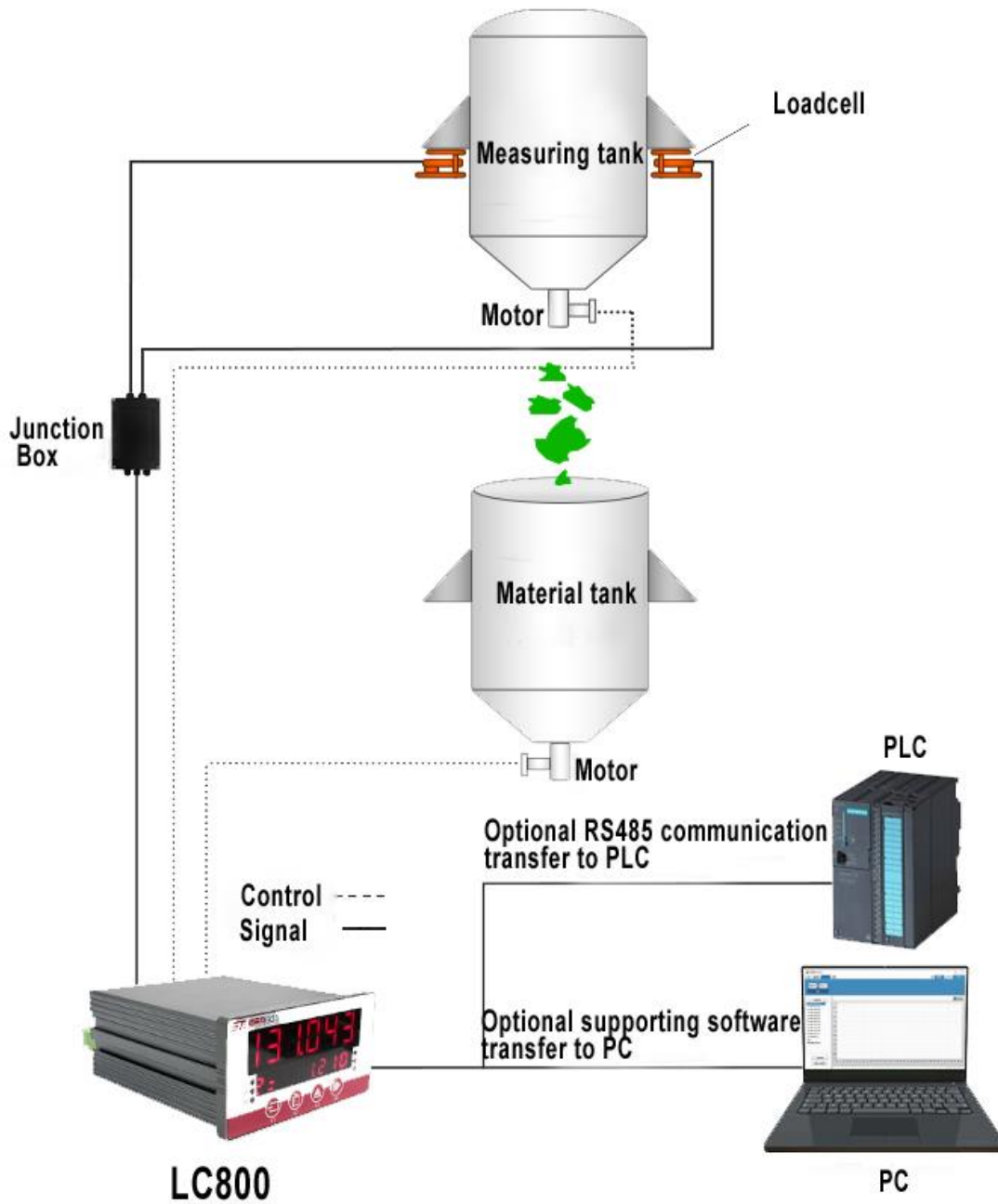


4 groups of relays + communication (4 kinds of materials)

Four materials are loaded in sequence



Unloading + Communication + Current/voltage



Loading materials + communication + current/voltage

