











LOAD CELL INDICATORS

Series uCS 2000



SALIENT FEATURES :

-  **JUMBO SIZED** displays can be provided
-  **Microcontroller Based Fully Programmable**
-  **Input directly from load cell**
-  **Available with large display sizes**
-  **Upto two programmable set-points**
-  **Isolated Retransmission**
-  **Built-in excitation for load cell**
-  **Field Calibration from front key pad**
-  **Various Cutouts and sizes**
-  **Serial Port RS 485 with MODBUS RTU protocol**

The CS 2000 series Digital Process Indicators are precision instruments suitable for use with load cells. The Unit gives excitation and accepts the input from the load cell. The nominal load and excitation can be programmed. The unit has two programmable set-points. It also gives an isolated retransmission signal proportional to the load. Optional feature of serial communication (with MODBUS RTU protocol) is also provided.

TECHNICAL SPECIFICATIONS

Input	: millivolts from load cell
Input Impedance	: > 2 K ohm
Excitation	: 12 V DC for the load cell
Range	: Calibrated as per customers requirement from front key pad
Display	: 4 digit, 1/2" red LED (1" display optional)
Set-points	: 2 nos programmable from front key pad
Output Relays	: 1 NO + 1 NC per set-point, rated at 230 V AC, 5 A resistive load
Retransmission Output	: 4 to 20 mA (Isolated) in 600 ohm load (max), any other on request
Programming	: All parameters programmable by splash proof front key pad
Accuracy	: < +/- 0.2% of FSD
Supply	: 230 V AC, 50 Hz (others on request)
Mounting	: Flush on panel
Cutout	: 92mm(W) X 92mm(H)
Bezel Size	: 96mm(W) X 96mm(H)
Depth	: 150mm
Operating Temperature	: 0 to 50 deg C
Temperature Coefficient	: 0.015% / deg C
Humidity	: 90% maximum (non-condensing)

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