



RS -202-2CH

Load Indicator

RUDRRA SENSOR
The load cell Technology



Rudrra Sensor, based in Ahmedabad, Gujarat, India, stands as a premier manufacturer of load cells. We specialize in various types of load cells, including bending beam, shear beam, compression, S type, and customized load cells tailored to diverse applications in construction machinery, batching plants, and pharmaceutical processing equipment.

Our latest innovation, the RS-202-2CH, represents a breakthrough in load cell technology. This unique device facilitates the connection of two load cells, transmitting their signals to control devices such as PLCs, SCADA systems, or any other RS485 interface-equipped system.

Until now, options for a single device capable of connecting multiple load cells while providing access to individual readings were limited and costly. Existing solutions often required proprietary software and incurred high expenses. Consequently, OEMs and end-users typically had to procure separate load cell electronics for each unit, leading to added complexity and expense.

To address this industry challenge, Rudrra Sensor has developed an indigenous load cell transmitter with dual channels, offering both ease of use and cost-effectiveness. This solution boasts unparalleled performance, surpassing competing products. Key features include:

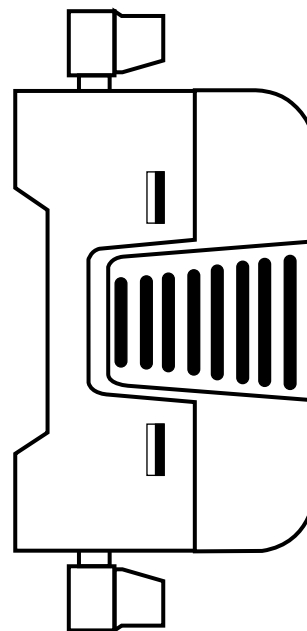
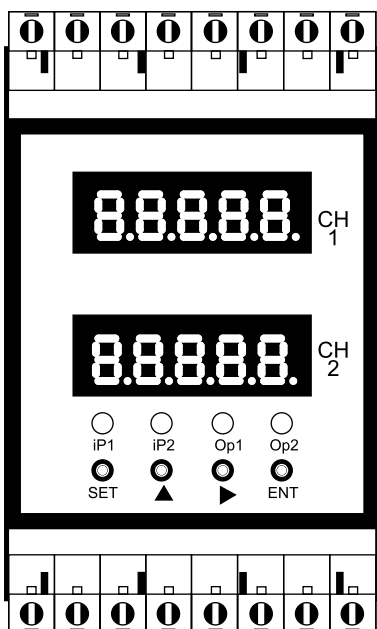




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- *Compatibility with standard 24VDC supply
- *Dual-channel load cell with individual value display
- *Engineer-friendly keypad interface for configuration
- *Compact and noise-free design
- *High precision with 1/10000 division at 200SPS and 1/50000 divisions at 40SPS
- *Dual seven-segment, five-digit displays
- *RS-485 communication for high-speed data transfer
- *2 Digital input for individual tare control.
- *2 Digital output for peripheral control.

Applications for the RS-202-2CH span various industries, including:

- *Process automation for controlling multiple tanks
- *Batching plants
- *Packaging machines
- *Monitoring multiple load cells simultaneously
- *Dual tensile testing machines
- *Control panels integrated with PLCs

Rudra Sensor's commitment to innovation and excellence ensures that our products meet the evolving needs of our customers, delivering superior performance and value across diverse applications.

