

ABA200 Amplifier



Specification

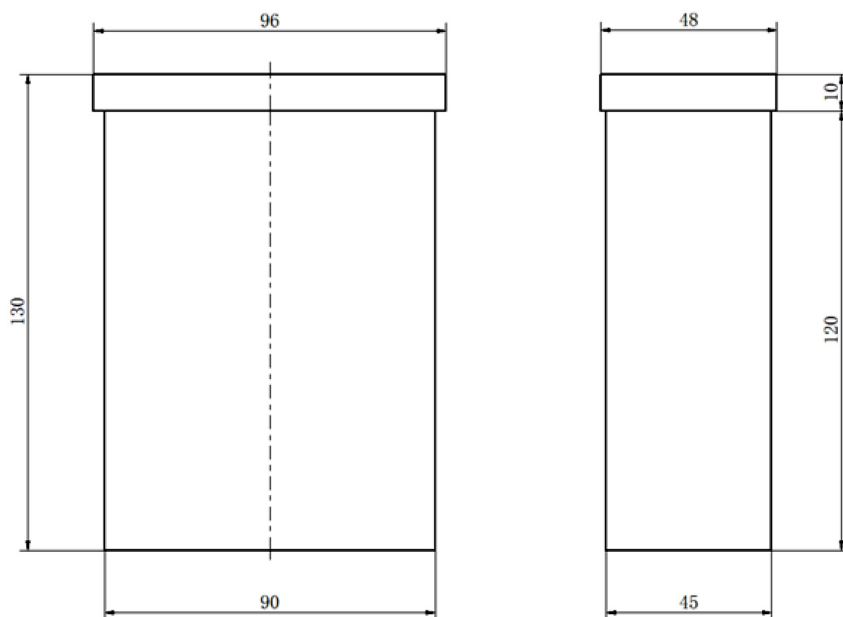
Indication	-	6 Digits with auto polarity Red Led Display 12.5mm character height
Input Calibration	-	LOAD CELL upto 8 nos
Load Cell Excitation	-	Provided 3.3 VDC (Approx)
Range & Resolution	-	Can Set upto 50000/100000 counts
Indicating Accuracy	-	± 0.05 of full scale
Zero	-	Full range key switch provided
Kgf./Newton	-	Selectable
Size	-	92mm(w) x 46mm(h) panel cutout with 125mm depth Basel Size 96mm(w) x 48mm(h) ABS box

Applications

- Weight System
- Crane overload protection system
- Batching plant
- Auto feeding system
- Packaging machine
- Tank, Silo & Hopper weighment

Key Features

- Advanced intelligent microcontroller, Delta Sigma ADC based design
- Universal Power (SMPS) 90-265 VAC, 50/60 Hz or 24 VDC
- Stable, drift-free, noise-resistant output
- Two relays, each with normally open contacts for alarm & trip functions, with logical configuration
- RS485 Modbus RTU communication for PLC, HMI, computer integration
- Provides 0–10 VDC / 4–20 mA analog output
- Input trigger signal preset for batching processes
- Remote display output interface for large display devices
- Optional 20-point calibration
- Panel-mounted signal amplifier suitable for automation applications such as packaging, batching, & weighing
- Enables connection of tension load cells to PLC, SCADA, controllers, or DCS systems



Contact Us

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