

Weighing Controller

CI-400AL SERIES



Large Display Weighing Controller

CI-400AL series is capable of fast and accurate weighing via high-performance A/D converter.

Suitable for a wide variety of applications from general platform scales to advanced weighing equipment such as hopper and packing scales.



Fast and accurate weighing



High Visibility via Large display



Terminal block



Optimized size for efficient use of space

Features

Optimized size for efficient use of space

Via short product's depth size, user's can enhance space-utilization of weighing panels or cabinets.



Fast and accurate weighing

CI-400AL series provide high speed A/D conversion with excellent processing capabilities (5~320 times/sec), and high resolution display of 1/10,000, which make fast control and accurate weighing for all input range.

Terminal block

Easy to wire with external equipments such as printers, PLCs, PCs and more via the terminal block.



1. Large and clear LED display

Large LED display with character height of 38mm makes it easy to view and monitor weight values.

2. Shortcut key setting

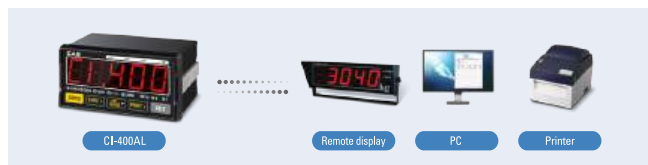
Users can setup the 3 short-cut keys preferred or mostly commonly used functions for greater ease of use. (Previous key function is replaced to key function that user sets.)

3. Shielded against noise (RFI & EMI)

CI-400AL's structure is shielded against noise such as RFI and EMI, offering supreme stability among harsh environmental conditions.

4. Various interfaces

Applied with built-in serial communication(current loop, RS-232C*2ea), CI-400AL series can be used in conjunction with an external indicator, PC, or printer.



Options

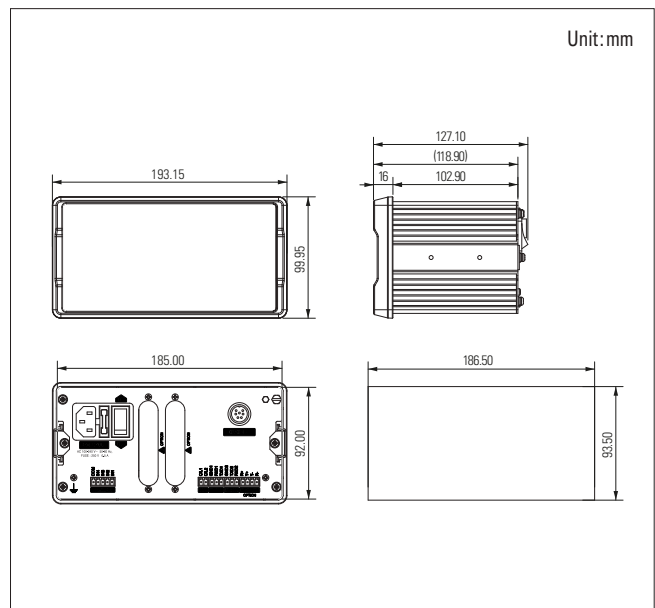
- RS-485 (supports Modbus RTU protocol), Analog output, BCD In/Output
- External 4In/6Outputs(for CI-401AL)
- Remote display(CD-3000 Series)
- Printers

Specifications

Model	CI-401AL	CI-405AL
Loadcell excitation voltage	DC5V	
No. of Loadcell connection	6 wired / 8 ea (350Q)	
Loadcell Input range	-2.0mV/V ~ 3.0 mV/V	
Input sensitivity	0.3 uV/D(CE), 0.2uV/D (Non-approval)	
A/D external resolution	1/10,000 (CE), 1/30,000 (Non-approval)	
A/D conversion speed	Up to 320times/sec	
Display	7 segment 5 digits LED (Character Height : 38mm)	
Key	5 Function keys (Zero, Tare, Net/Gross, Print, SET)	
Status lamp	Stable, Zero, Tare, G/N, Comm, Unit(kg, g, t)	
Interface	Standard	2 RS-232C(COM1, COM2), Current Loop
	Option	RS-485(Supports Modbus RTU protocol), Analog output (0~10V, 4~20mA), BCD In/Out
External In/Output	4 Inputs	8 In / 6 Outputs
	Option- 4 In / 6 Outputs	
Power	AC 100~240V	
Operating temperature	-10 °C ~ 40 °C	
Product size (mm)	185 (W) x 103 (D) x 92 (H)	
Product weight (kg)	1.2	

* When external 4In/6Outputs card is mounted on CI-401AL, it becomes CI-405AL.

Dimensions



Applications



Platform scale

Hopper scale

Packer scale



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