

AD-4410

Vibration-Resistant Weighing Indicator

The high performance digital filter protects against vibration and allows for high precision and quick response time. The AD-4410 can greatly cut down the need for mechanical vibration countermeasures which can greatly reduce costs and maintenance.

With the AD-4410 it is no longer difficult to weigh while inducing vibration.

There is only one setting for the high performance digital filter. This allows the AD-4410 can find the optimal value to cancel out vibration with minimal setting changes.

In addition to the high performance digital filter the AD-4410 has the following features: averaging hold, comparator, high-order linearity compensation, near-zero detection, zero tracking and gravitational acceleration compensation. The AD-4410 also comes standard with a RS-232C interface for data transfer and 3 Control input and output nodes.

Display

- Weighing Display Green LED 14.6mm characters
- Status Display Red LED
- Polarity Display Green LED
- Dust and water-proof display (when mounted into a panel)

Weighing Functions

- High speed sampling 100 times/second
- Internal Resolution approx. 16,000,000
- Zero correction, tare, gross/net weight switching

Capable of Modbus-RTU Communications

Eliminates the effect of vibrations

HPDF High Performance Digital Filter



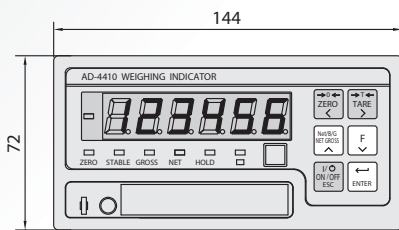
External I/O

- Standard RS-232C (D-Sub9P Male)
- Standard Current Loop Output (for connecting external display devices, printers, etc. from A & D)
- Standard Control I/O: 3 Input nodes (No-voltage contact or open collector), 3 Output nodes (open collector)
- Optional Items
RS-485, RS-232C(CH2), Analog Output(4-20mA), Stand

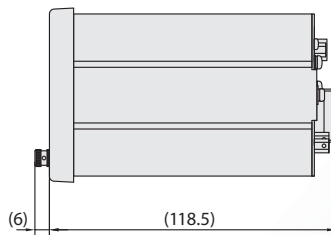
Digital Calibration Function

Power Supply

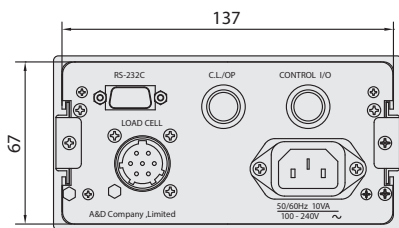
AC100 to 240V



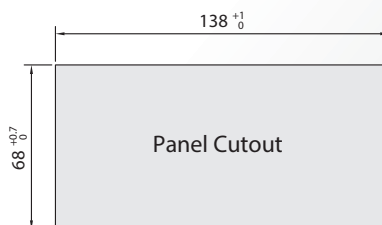
Front View



Side View



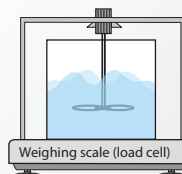
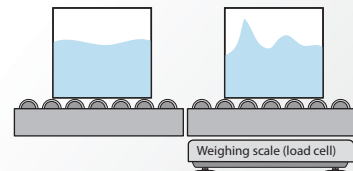
Back View



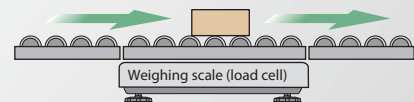
Panel Cutout

Unit: mm

- With the averaging hold you can find the weight when measuring is difficult such as when liquids are moving and while mixing.



- You can make a simple checkweigher by combining the high performance digital filter and peak hold functions.



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