A Weighing Indicator with Field Network-Support

AD-4408A

- *Various types of field network (fieldbus) modules can be installed*
- *High-speed (100 times/sec.), highly-accurate performance*
- *Compact, lightweight body makes it ideal for mounting into a control panel*
- *Dust and water-proof display (when mounted into a panel)*



ISO 9000 CERTIFIED

A&D Company, Limited
http://www.aandd.jp

…Clearly a Better Value

AD-4408A *A Weighing Indicator with Field Network-Support*

Specifications

■ *Analog Unit*

Minimum input sensitivity — 0.15μV/d
Zero adjustment range — −35mV to +35mV (−7mV/V to +7mV/V)
Load cell excitation — DC5V±5%, 120mA
Equipped with remote sensing
Up to 8 load cells(350Ω) can be connected.
Temperature coefficient — Zero; ±0.02μV/°C (Typ.)
±0.1μV/°C (Max.)
Span; ±3ppm/°C (Typ.)
±15ppm/°C (Max.)
Non-linearity — 0.005% of F.S.
Maximum input noise — 0.3μVp-p
Maximum measurement voltage — −35mV to +35mV (−7mV/V to +7mV/V)
Minimum input impedance — 10MΩ
A/D conversion method — Delta Sigma
A/D resolution — Approx.16,000,000 counts
Maximum display resolution — 999,999d (Less than 20,000d recommended)
A/D conversion rate — 100 times/sec.
Calibration — Actual load calibration or digital span calibration without actual load

■ *Digital Unit*

Display element — Measurement data display:
7-segment 6-digit green LED
with 14.6mm high characters
Polarity display: Green LED (1)
Status display: Red LEDs (6)
Measurement data display unit — Switch to net weight value (NET) or gross weight value (GROSS).
Display range: 0 to 999,999d
(Select division from 1, 2, 5, 10, or 50)
Units: Affix a "g", "kg", "t", or "lb" (USA version) unit sticker
Status display — ZERO, STABLE, GROSS, NET, HOLD, and ☐ (selected function in operation)

■ *External I/O*

Standard serial output — 20mA current loop signal (exclusive output for A&D peripheral devices)

■ *General specifications*

Power — AC100 to 240V (50/60Hz)
Power consumption — Approx.10VA
Operating temperature and humidity — −10°C to 40°C/85%RH or less (no condensation)
Physical dimensions — 144(W) × 72(H) × 135(D) mm (including protruding parts)
Panel cutout size — 138 × 68 mm
Dust and water-proof — The IP65 display is dust and water-proof when mounted into a panel (When the provided rubber packing is affixed)
Weight — Approx. 800g

■ *Standard Accessories*

Instruction manual, rubber packing, terminal strip cover, capacity plate and unit stickers

■ *Optional items (The below items must be purchased locally.)*

External input and output
Manufacturer : HMS Industrial Networks (http://www.anybus.com/)
Anybus® CompactCom
・Profibus Plug-In Module
・Modbus-RTU Plug-In Module
・DeviceNet Plug-In Module



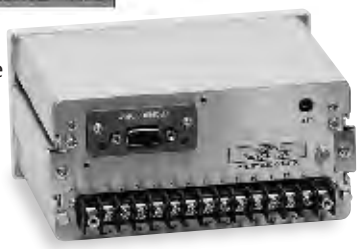


Remove the panel and install the module.

*A TORX® T9 screwdriver is required when installing the module.

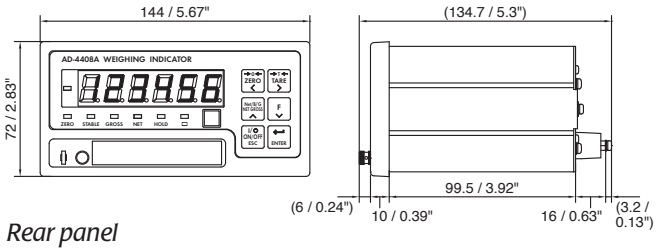


Indicator with a module installed

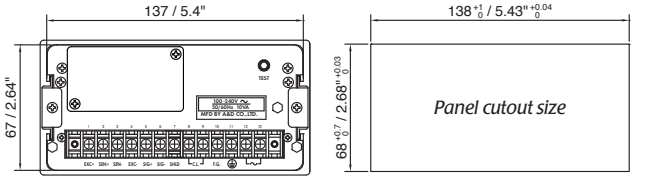


External dimensions

Unit: mm / inches



Rear panel



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