

*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)*



**AND**  
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.

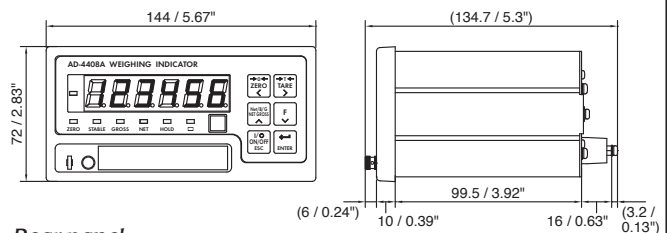


Indicator with a module installed

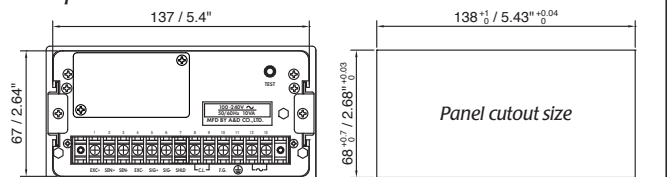


### External dimensions

Unit: mm / inches



### Rear panel



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