

A Weighing Indicator Designed for CC-Link

AD-4408C

- *Direct connection to CC-Link with the CC-Link interface (provided as standard)*
- *Simple design to facilitate connection to a PLC*
- *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)*
- *Up to 64 units can be connected with one master unit (when configured with the AD-4408C)*

CC-Link



AND

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

...Clearly a Better Value

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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 — Sigma Delta
 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" or "t" unit sticker
 Status display — ZERO, STABLE, GROSS, NET, HOLD, and (selected function in operation)

■ External I/O

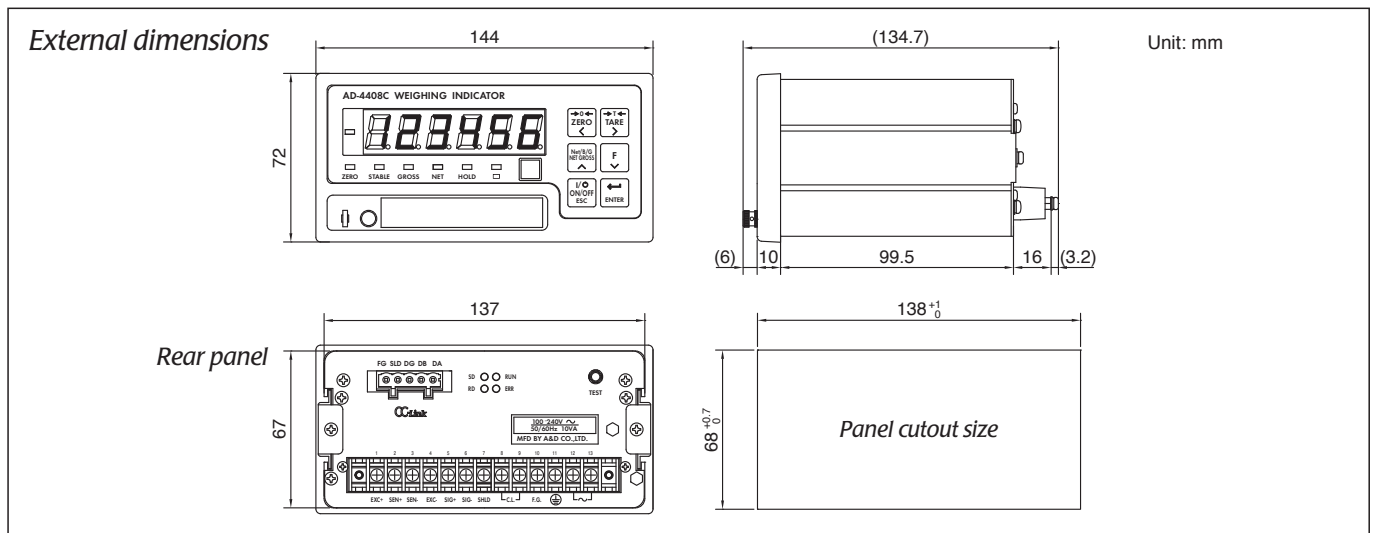
CC-Link I/O — Up to 64 devices can be connected with one master unit by selecting the number of occupied stations when configured with the AD-4408C.
 Standard serial output — 20mA current loop signal (exclusive output for A&D peripheral devices)

■ General specifications

Power — AC100 to 240V (±10%) (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, connector for CC-Link, rubber packing, terminal strip cover, capacity plate and unit stickers



Appearance and/or specifications subject to change for improvement without notice.

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