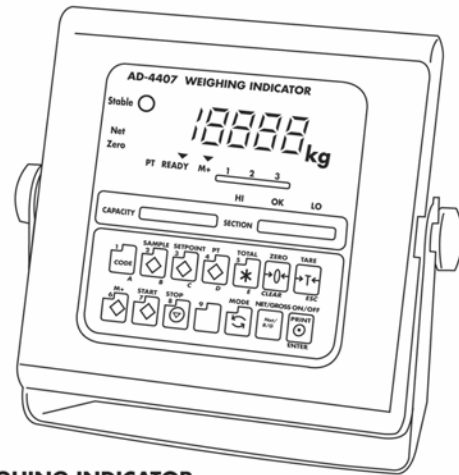


AD-4407

Weighing Indicator

IP-65, Stainless Steel Washdown Weighing Indicator/Controller



AD-4407 WEIGHING INDICATOR

Features

- 1 / 40,000 Display Resolution
- 0 – 9 keys for setpoint entries, keyboard tare & counting features
- Mount on table, wall or desktop (bracket standard)
- Comparator Function & Optional Relay/Transistor Output. HI/GO/LO comparator & simple weighing-in comparator can be selected
- Connects to A&D Load Cells & SB Platforms or other mfgr's strain gauge load cells/platforms
- Counting Mode
- Digital Linearization
- Powers up to 8 load cells @ 350 ohm/load cell (16 l/c @ 700 ohms)
- RS-232C interface is standard, RS-422/485 optional
- Accumulator with auto or manual entry
- Optional Relay Outputs or 4-20mA Analog Output
- 3 input signals for external control, input signal can be selected from zero, tare, mode, net/gross, print, M+
- Bright Vacuum Florescent Display
- Protected from electromagnetic interference (EMI) and radio frequency interference (RFI)

Fax-on-Demand

(800) 726-7099 / (408) 263-0560, Press 2

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A&D
A&D WEIGHING
...Clearly a Better Value



1555 McCandless Drive
Milpitas, CA 95035, USA

Toll Free: (800) 726-7099

Phone: (408) 263-5333

Fax: (408) 263-0119

AD-4407 Specifications

Input Sensitivity	0.2 μ V/d or greater
Input Signal Range	-1mV ~ 15mV
Load Cell Excitation	5V DC \pm 5% (remote sensing)
Load Cell Drive Capacity	Up to 8 load cells at 350 Ω /load cell (Max. 60mA)
Zero Temperature Coefficient	\pm (0.2 μ V \pm 8ppm of dead load)/ $^{\circ}$ C (typically)
Span Temperature Coefficient	8ppm $^{\circ}$ C of reading (typically)
Non-Linearity	0.01% of full scale
Input Noise	Less than 0.4 μ Vp-p
Input Impedance	\pm 10M Ω minimum
A/D Conversion Method	Integrating dual-slope type
A/D Resolution	40,000 counts maximum
A/D Conversion Rate	Selectable: 5/second or 10/second
Maximum Display Count	40,000
Minimum Division	x1, x2, x5, x10, x20, x50
Weight Display	6 digits, 13mm (H), 7 segment VFD
Weight Unit	Lb, ton or kg
Annunciators	STABLE, ZERO, GROSS, NET, TARE, M+, kg/t or lb, HI, OK, LO, PT, READY, PT
Keys	0-9, CODE, SAMPLE, PT, TOTAL, START, STOP, CLEAR, , ENTER, STANDBY/OPERATE, ZERO, TARE, NET/GROSS, MODE, PRINT, PRESET TARE, M+
Standard Serial Interface	RS-232C
Power	100 – 240 VAC , 45-65 Hz, 30VA
Operating Temperature	-10 $^{\circ}$ C ~ +40 $^{\circ}$ C (14 $^{\circ}$ F ~ 104 $^{\circ}$ F)
Storage Temperature	-10 $^{\circ}$ C ~ +70 $^{\circ}$ C (14 $^{\circ}$ F ~ 158 $^{\circ}$ F)
Physical Dimensions	mm 199 (W) x 80 (D) x 206 (H)
	inch 7.83 (W) x 3.15 (D) x 8.11 (H)
Standard Accessories	Manual, AC cable, load cell input plug, capacity sticker, rubber feet, external input plug, Swivel Mounting Bracket

Specifications are subject to change for improvement without notice

Options

- AD-4407-03....RS-422/RS-485/output relays (replaces standard RS-232C)
- AD-4407-05....RS-232C with output relays (replaces standard RS-232C)
- AD-4407-07....Analog Output, 4-20mA (replaces standard RS-232C)

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