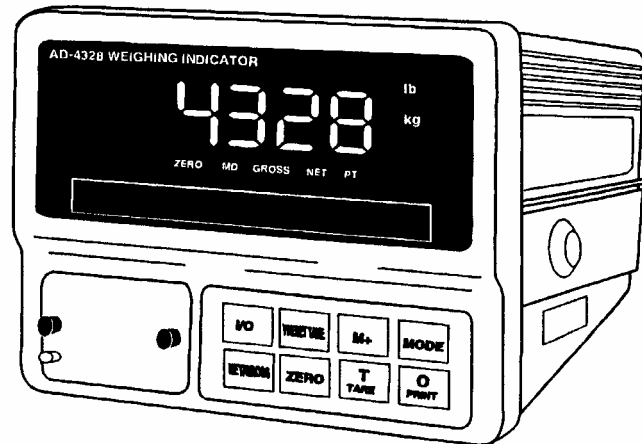


AD-4328

Weighing Indicator

**Low Cost,
General Purpose
Weighing
Indicator**



Features

- 1 / 20,000 Display Resolution
- Full Digital Calibration (FDC) makes zero and span calibration a simple task
- Mount in panel or desktop
- Comparator Function & Optional Relay/Transistor Output. HI/GO/LO comparator & simple weighing-in comparator can be selected
- 4 Setpoints for simple batching
- Front panel is waterproof, protected to IP65 (panel mount only)
- Powers up to 6 load cells at 350 ohm/load cell
- 20mA Current Loop is standard
- Optional Bi-Directional Serial Interface, RS-232C and RS-422/485
- Optional Parallel BCD Output
- 3 input signals for external control, input signal can be selected from zero, tare, mode, net/gross, print, M+
- Bright red LED display
- Protected from electromagnetic interference (EMI) and radio frequency interference (RFI)

**NTEP Approval Cofc 99-074
Canada Approval AM-5252**

Fax-on-Demand

(800) 726-7099, Press 2 / (408) 263-2278
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1555 McCandless Drive
Milpitas, CA 95035, USA
Toll Free: (800) 726-7099
Phone: (408) 263-5333
Fax: (408) 263-0119

AD-4328 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 6 load cells at 350 Ω /load cell (Max. 90mA)
Zero Temperature Coefficient	\pm (0.2 μ V+0.0008% of dead load)/ $^{\circ}$ C (typ.)
Span Temperature Coefficient	8ppm $^{\circ}$ C of reading (typ.)
Non-Linearity	0.01% of full scale
Input Noise	0.2 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	Approximately 10 times per second
Maximum Display Count	20,000
Minimum Division	x1, x2, x5, x10, x20, x50
Weight Display	6 digits, 14.2mm/0.56" (H), 7 segment LED (Red)
Weight Unit	lb or kg
Annunciators	ZERO, MD, GROSS, NET, PT (Preset Tare), kg/t or kg/lb
Keys	STANDBY/OPERATE, ZERO, TARE, NET/GROSS, MODE, PRINT/ENTER, PRESET TARE, M+
Standard Serial Output	20mA Current Loop
Power	Nominal DC9V (AC adapter or direct input to the terminal can be used)
Operating Temperature	-10 $^{\circ}$ C ~ +40 $^{\circ}$ C (14 $^{\circ}$ C ~ 104 $^{\circ}$ C)
Storage Temperature	-10 $^{\circ}$ C ~ +70 $^{\circ}$ C (14 $^{\circ}$ C ~ 158 $^{\circ}$ C)
Operating Humidity	85% RH Max. (non-condensing)
Physical Dimensions	mm 170 (W) x 126 + 19* (D) x 130 (H) mm (*includes terminal cover) inch 10.6 (W) x 4.7 (D) x 9.2 (H) inch
Panel Cut Out	mm 124 \pm 0.5 x 162 \pm 0.5 mm inch 5.5 (W) x 9.4 (D) 9.2 (H) inch
Standard Accessories	Manual, AC Adapter

Specifications are subject to change for improvement without notice

Options

- AD-4328-01 ... BCD Output (Open Collector)
- AD-4328-02 ... Comparator Output (Open Collector)
- AD-4328-03 ... RS-422/485 Serial Interface with Comparator (Open Collector)
- AD-4328-04 ... 20mA Output & Comparator (Relays, 50V DC / 100mA)
- AD-4328-10 ... Indicator Stand

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