

AD-4326B

DIGITAL INDICATOR

The AD-4326B is a high-performance indicator that is easy to use and affordable.

by
AND
A&D MERCURY PTY LTD



HIGHLIGHTS

- Up to 1/10,000 Displayed Count Resolution
- Full Digital Calibration (FDC)
- Mounts on a Column, Stand, Desktop or Wall
- Comparator Output to Remote Display, Buzzer or Optional Relays
- Selectable Counting Sample Size: 5, 10, 20, 50 or 100
- Power: Batteries or AC Adaptor as Standard
- Auto Power Off in Battery Mode
- Powers Up to 6 x Loadcells at 350Ω
- Optional Bi-Directional RS-232C, RS-232C/Relay, Current Loop
- Meets or Exceeds OIML Class III Specifications
- EMI/RFI Protected

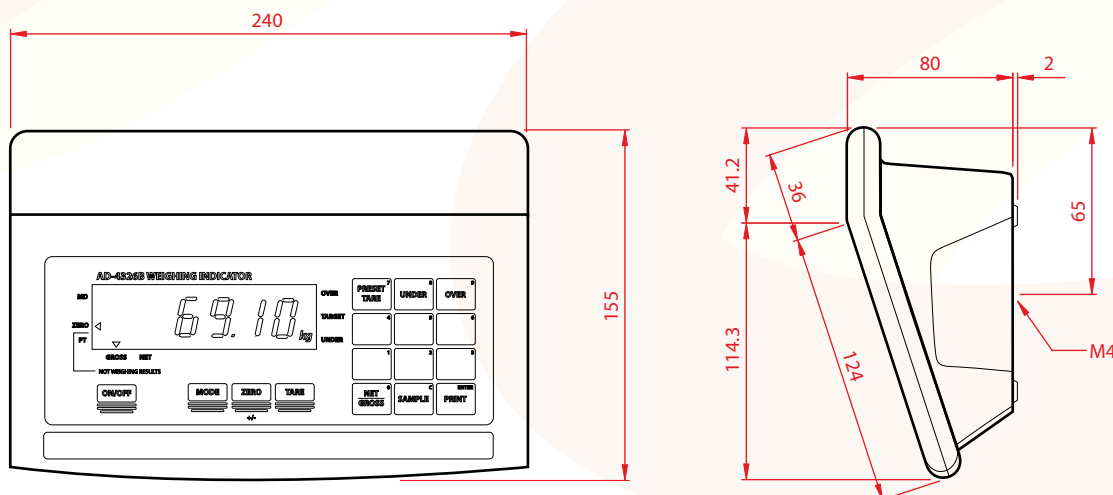
OPTIONS

- OP-03 RS-232C (Input and Output)
- OP-04 RS-232C/Comparator Relay Output
- OP-05 20mA Current Loop Output (Passive)
- OP-11 Wall Mounting Kit

ACCESSORIES

- AD-1681 Rechargeable NiCd Battery Pack
- AD-8121B Multi-Function Printer

DIMENSIONS



SPECIFICATIONS

ANALOG & A/D CONVERSION	
Excitation	5VDC \pm 5%, 90mA, Maximum 6 x 350 Ω Loadcells
Input Sensitivity	Minimum of 0.2 μ V/Division
Operating Modes	Single Range
Input Range	-1mV to 15mV
Non-Linearity	\pm 0.01% of Full Scale or Less
Temperature Co-Efficient	Zero \pm (0.2 μ V+8ppm of Dead Load)/ $^{\circ}$ C (Typically) Span \pm 8ppm/ $^{\circ}$ C of Reading (Typically)
Input Impedance	10M Ω Minimum
Input Noise	\pm 0.2 μ Vp-p or Less
Display Resolution	Up to 10,000 Divisions
Internal Resolution	40,000 Internal Counts
A/D Conversion Method	Integrating Dual Slope Type
A/D Conversion Speed	Approximately 5 Times/Second
DIGITAL	
Display	5½-Digits, 22mm(H), LCD
Maximum Weight Display	199,980
Comparator Indication	(+ OK -) LCD
Under Zero Indicator	- (Minus Sign)
Annunciators	Zero, MD, Preset Tare , Gross, Net, Not Weight, Over Target, Under, g/kg/t/pcs
Keys	On/Off, Mode, Zero, Tare, Net/Gross, Sample, Print, 10 Numeric Keypad for Preset Tare and Under/Over Entries
GENERAL	
Power	6 x "C" Size Batteries (Optional) or AC Adaptor (Standard)
Battery Life	Approximately 160 Hours with Alkaline or 25 Hours with NiCd Batteries
Operating Temperature	-10 $^{\circ}$ C ~ +40 $^{\circ}$ C
Storage Temperature	-10 $^{\circ}$ C ~ +70 $^{\circ}$ C
Net Weight	Approximately 0.75kg
Dimensions	240mm(W) x 156mm(D) x 83mm(H)

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