

AD-4329

BASIC WEIGHING DIGITAL INDICATOR



The AD-4329 is your best choice for a variety of applications such as platform scale, packer scale, hopper scale, check-weigher and truck scale.

by
AND
A&D MERCURY PTY LTD

HIGHLIGHTS

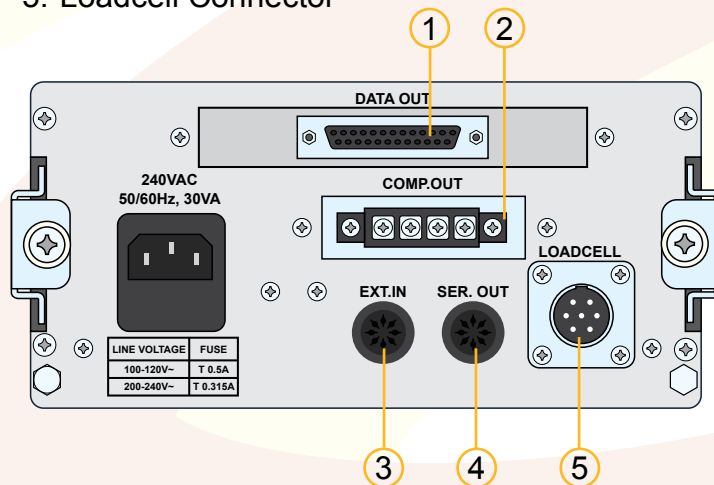
- Standard RS-232 Interface
- 4-Point Digital Linearisation Across the Full Span
- Triple-Range Capability
- Comparator Output to an Optional Relay
- Vacuum Fluorescent Display

FEATURES

- 13mm High Vacuum Fluorescent Display
- Accumulative Data is Stored into Memory Automatically or Manually
- Comparator Output (Hi/OK/Lo) to Optional Relays
- Setpoint Comparison for Batching Applications (Near Zero/Prelim/Target/Free Fall)
- Selectable Weighing Ranges (Up to Triple Ranges)
- Standard RS-232C
- 4-Point Digital Linearisation
- 1/20,000 Maximum Displayed Resolution
- Powers Up to 8 x 350Ω Loadcells
- Averaging Time and Width Can be Selected for Various Applications
- RFI/EMI Protected
- Meets OIML Class III Specifications
- Mount on Panel, Column or Desk Top
- Enters Predetermined Tare Weight from Keypad
- Can be Controlled via External Input

REAR PANEL FEATURES

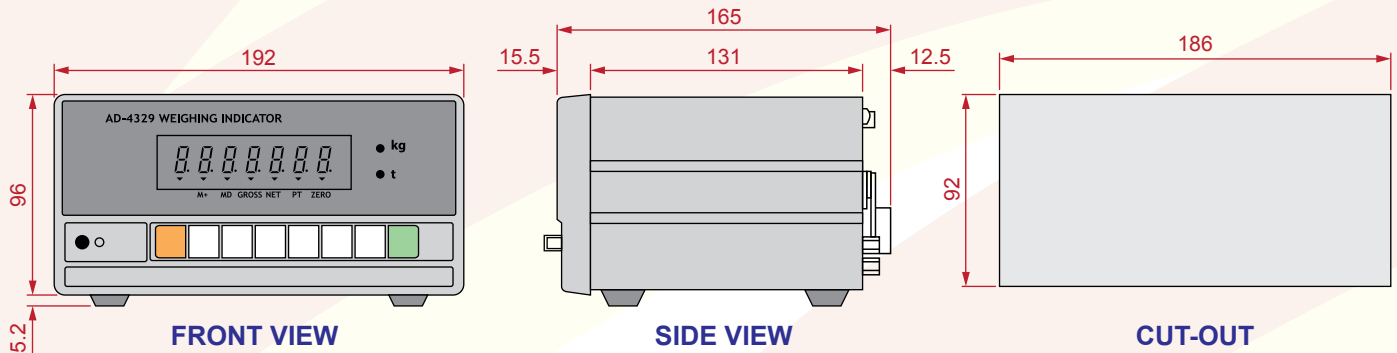
1. Standard RS-232C Interface
2. Optional Comparator Output (AD-4329-02)
3. External Control Input
4. Standard Current Loop Output
5. Loadcell Connector



SPECIFICATIONS

ANALOG & A/D CONVERSION	
Excitation	5VDC \pm 5%, 120mA, Maximum 8 x 350 Ω Loadcells
Input Sensitivity	Minimum of 0.2 μ V/Division
Operating Modes	Up to Triple 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 0.4 μ Vp-p or Less
Display Resolution	Up to 20,000 Divisions
Internal A/D Resolution	40,000 Internal Counts
A/D Conversion Method	Integrating Dual Slope Type
A/D Conversion Speed	Approximately 10 Times/Second
DIGITAL	
Display	7-Digits, 13mm(H), VFD
Under Zero Indication	- (Minus Sign)
Annunciators	Stable, Zero Point, Gross, Net, Tare, Accumulation, kg/t
Keys	Standby/Operate, Net/Gross, Preset Tare, Tare, Zero, M+, Mode, Print
GENERAL	
Power	100 to 240VAC, 45 to 65Hz, 30VA
Operating Temperature	-10 $^{\circ}$ C ~ +40 $^{\circ}$ C
Net Weight	Approximately 1.8 kg
Dimensions	192mm(W) X 96mm(H) X 165mm(D) - Compliance with DIN
Panel Cutout	186mm(W) x 92mm(H)

DIMENSIONS



OPTIONS

- AD-4329-02 Comparator Output

ACCESSORIES

- AC Cable (2m)
- Loadcell Input Plug
- Capacity Sticker
- External Input Plug
- Rubber-Foot (4 Pcs)
- Current Loop Output Plug

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