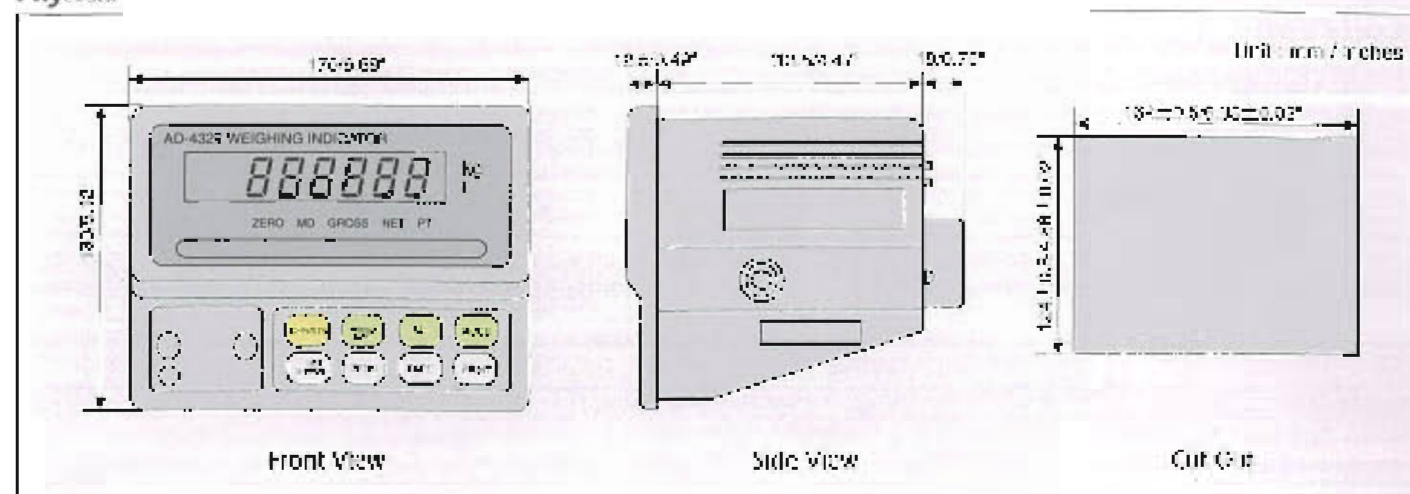


AD-4328

Weighing Indicator

Physical Dimensions



Specifications

Input Sensitivity	0.01g (Min.)
Input Signal Range	-1mV to +15mV
Loadcell Excitation	5V DC, 2A
Loadcell Drive Capacity	Up to 10 loadcells at 2500mV excitation (Max. 50mA)
Zero Temperature Coefficient	±0.2mV/0.0008% of dead load/°C (typ.)
Span Temperature Coefficient	±0.01% of full scale/°C (typ.)
Non-Linearity	±0.01% of full scale
Inrush Noise	±0.01% of full scale
Input Impedance	10MΩ Min
A/D Conversion Method	Intelligent dual slope
A/D Resolution	12,000 counts (Max.)
A/D Conversion Rate	Approximately 10 times per second
Weight Display	8 digits, 14.2mm LCD
Display Resolution	10,000 counts (Max.)
Minimum Division	1, 2, 5, 10, 20, 50 selectable
Maximum Display	999,999
Under Zero Indication	Minus sign
Annunciators	ZERO, MD, GROSS, NET, PRESET TARE, kg or lb, lb, STANDBY/OPERATE, REL/GROSS, PRESET TARE, ZERO, MA TARE, MODE, PRINT
Keys	

Power	DC 10V
Net Weight	(AC adaptor or direct input terminals) Approximately 0.6kg
Operating Temperature	10°C to 40°C
Storage Temperature	-10°C to 70°C
Physical Dimensions mm	170(W) x 120(H) (Printed PCB) including terminal cover 120±0.5 X 162±0.5
Panel Cutout mm	Manual
Standard Accessories	AC Adaptor

Options

OP-01	RS-485 Output (Open Collector)
OP-02	Comparator Output (Open Collector)
OP-03	RS-232C with Relay Output
OP-04	RS-232C Current Loop/Relay Output

Only one option can be selected.
One to be chosen from: RS-485 or RS-232C

Specifications subject to change for improvement without notice.

AD-4328

Weighing Indicator



Expand Your Potential



A&M MERCURY PTY. LTD.
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Facsimile (08) 8372 7405

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New South Wales Office
Unit 2
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New South Wales 2120
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... Clearly a Better Value
A&M MERCURY PTY. LTD.

AD-4328 *The Best of the Low Cost Indicators*

Weighing Indicator



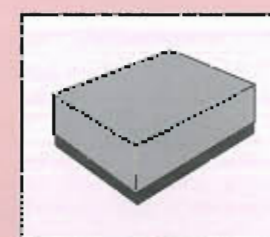
The AD-4328 was designed to provide power and flexibility at an affordable price.

Performs a wide range of applications from batching to simple weighing.

It is reliable, accurate and easy to install.

- Accumulative data is stored in memory automatically or manually.
- Comparator output to optional relays (HI/OK/LO).
- Setpoint comparison for batching applications (Near Zero/Prelim/Target/Free Fall).
- Powered through AC adaptor or external DC (5-12V) power supply.
- Optional bi-directional RS-232C, RS-422, RS-485 interfaces and BCD, relay, current loop outputs.
- Front panel protected to IP-65.
- Powers up to 6 load cells at 350Ω.
- Gravity Compensation Function assures accurate weighing without the need for recalibration after transport.
- Standard serial output for printers, external displays etc.
- 1/10000 displayed count resolution.
- Mount on panel, column, stand or peak top.
- External inputs provide remote control of indicator operation.
- Tare weight can be entered via the keyboard (Preset Tare).
- RFI/EMI protected.
- Meets or exceeds OIML Class III specifications.
- An unboxed version of the AD-4328 is available.

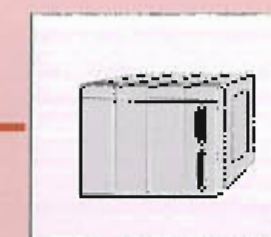
Communications



Platform Scale



Computer Interface
RS-422/485:
Max. 10 units, 500m
RS-232C, Current Loop



PLC
BCD (Open Collector)



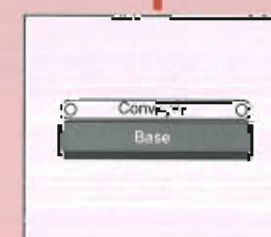
Packing Scale
Relay Output
•Near Zero
•Prelim
•Target
•Free Fall



External Display
RS-232C, Current Loop



Hopper Scale
Relay Output
•Near Zero
•Prelim
•Target
•Free Fall



Check Weigher
Comparator Output
(HI/OK/LO)



External Printer
Relay Output
RS-232C, Current Loop

Rear Panel View

- DC terminals are screw type for easy maintenance.
- AC adaptor or DC power source.
- Remote operation of front panel keys.

Terminal Locations

- | | |
|----------------------------------|---------------------------------------|
| ① On/off installation | ④ DC input terminals |
| ② Load cell connection terminals | ⑤ External front panel switch control |
| ③ AC adaptor connector | ⑥ Standard serial output |

