AND AD-4328 Weighing Indicator User Manual

A&D MERCURY PTY. LTD.

User Manual

AD-4328 Weighing Indicator

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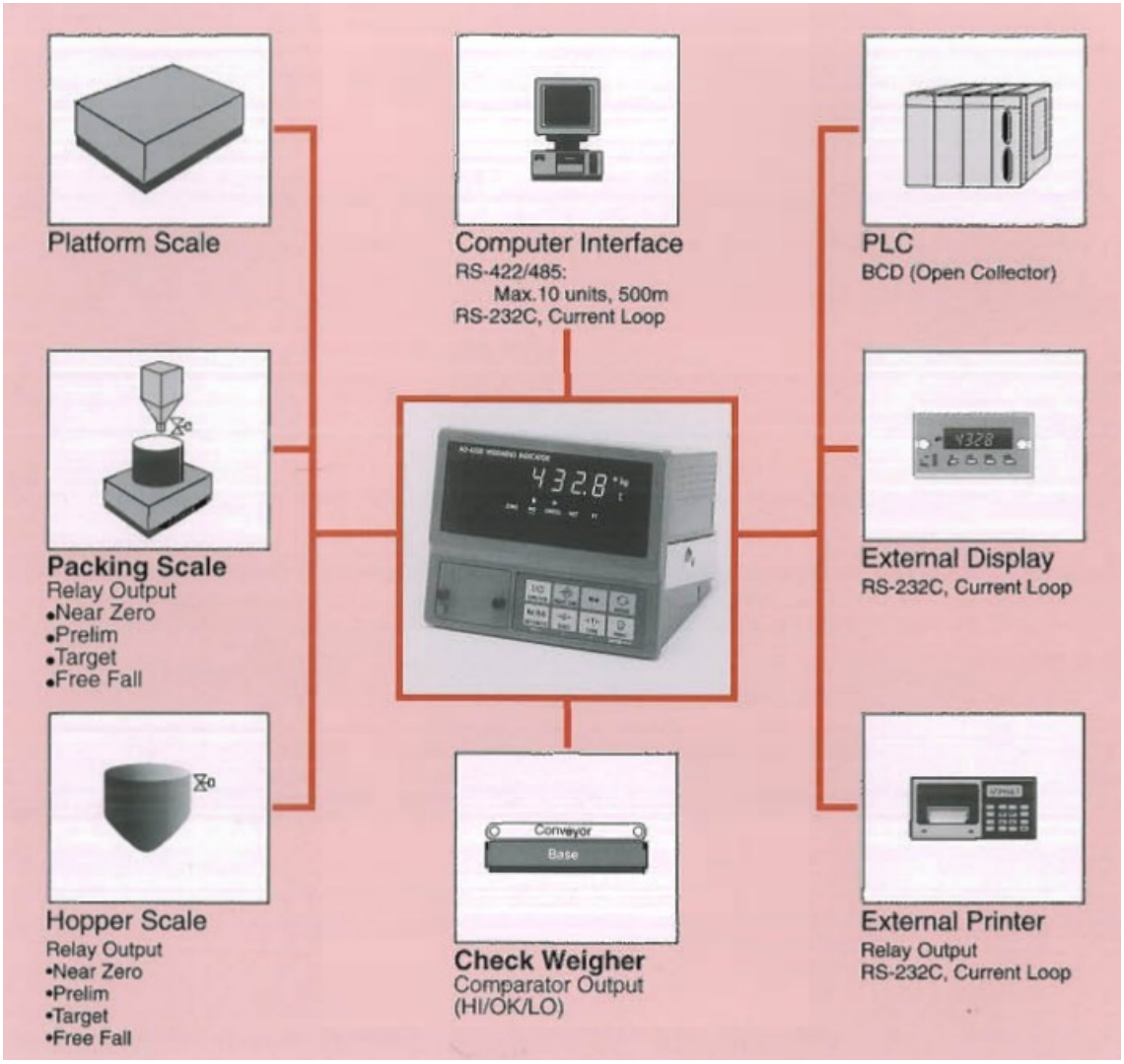
AD-4328 Weighing Indicator

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).
- Setpoiht comparison for batching applications (Near Zero/Prelim/Target/Free Fall).
- Powered through AC adaptor or external DC (6~12V) 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 3502.
- 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 desk top.
- External inputs provide remote control of indicator operation.
- Tare weight can be entered via the keyboard (Preset Tare).
- RFIVEMI protected.

- Meets or exceeds OIML Class III specifications.
- An uncased version of the AD-4328 is available.

Communications

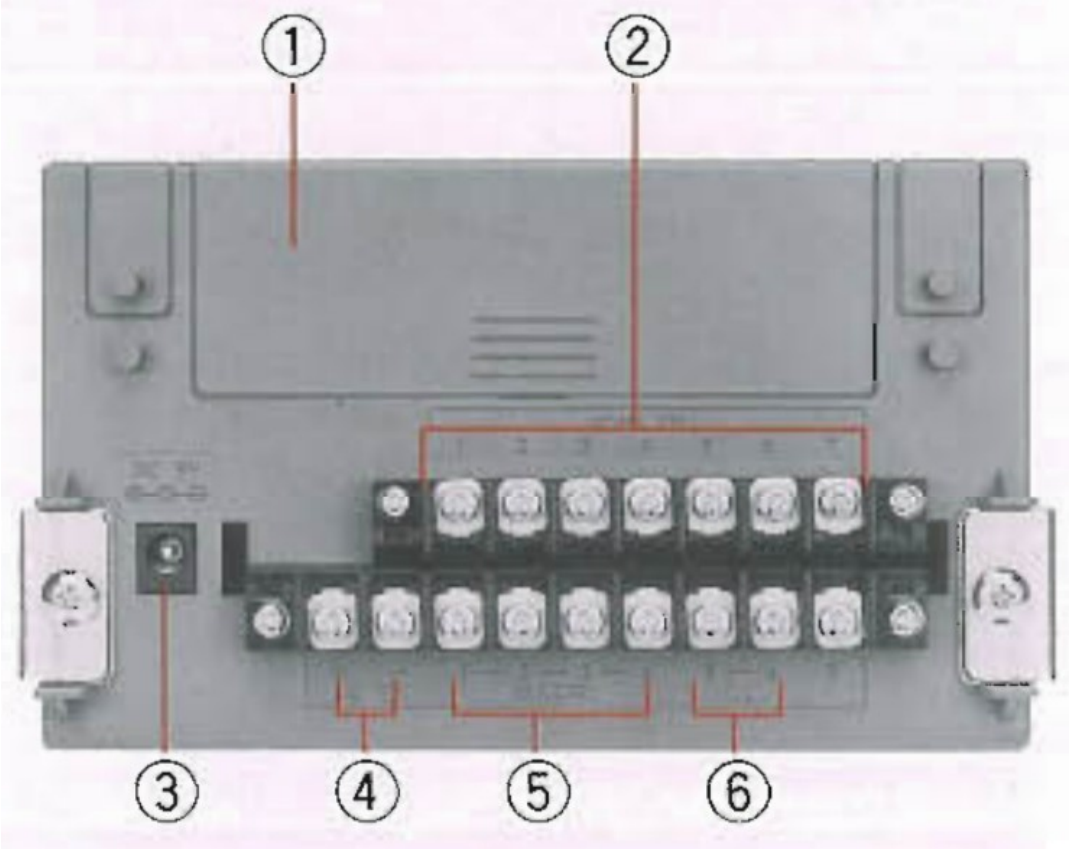


Rear Panel View

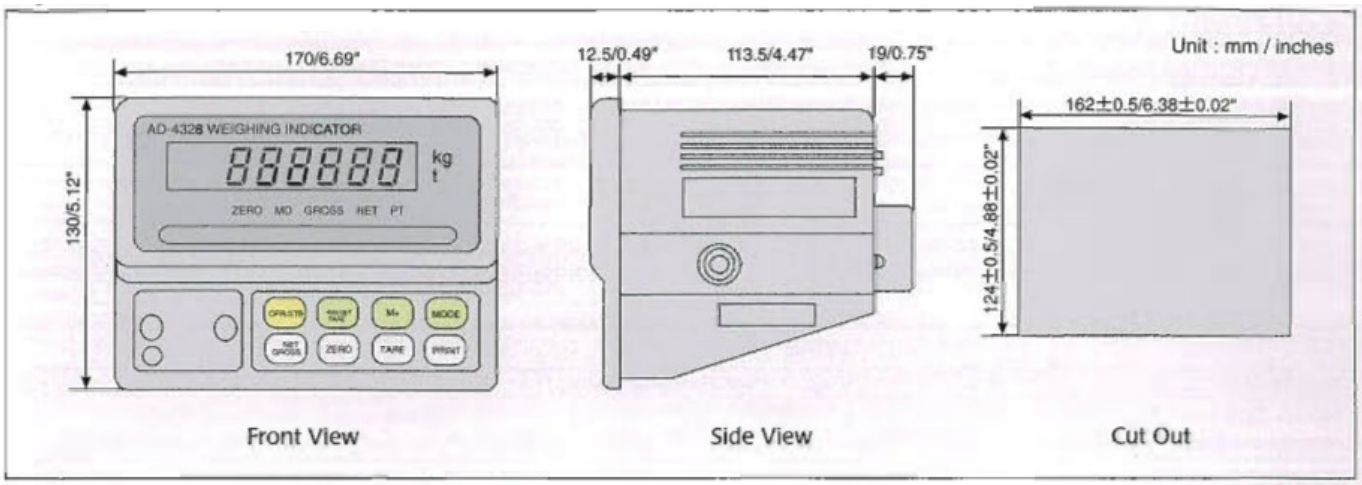
- I/O terminals are screw type for easy maintenance.
- AC adaptor or DC power source.
- Remote operation of front panel keys.

Terminal Locations

1. Option installation
2. Load cell connection terminals
3. AC adaptor connector
4. DC input termirials
5. External front panel switch control
6. Standard serial output



Physical Dimensions



Specifications

Input Sensitivity	0.2u/d (Min.)
Input Signal Range	-1MV~+15mV
Loadcell Excitation	5V DC ±5%
Loadcell Drive Capacity	Up to 6 loadcells at 350Ω/ioadcell (Max. 90mA)
Zero Temperature Coefficient	±(0.2μV+0.0008% of dead load)/°C (typ.)
Span Temperature Coefficient	±8ppm/°C of reading (typ.)
Non-Linearity	0.01% of full scale
Input Noise	±0.2μVp-p
Input Impedance	10MΩ Min.
A/D Conversion Method	Integrating dual slope type
A/D Resolution	40,000 counts (Max.)
A/D Conversion Rate	Approximately 10 times per second
Weight Display	6 digits, 14.2mm LED
Display Resolution	10,000 counts (Max.)
Minimum Division	1, 2, 5, 10, 20, 50 selectable
Maximum Display	500000
Under ZERO Indication	‘ ‘minus sign
Annunciators	ZERO, MD, GROSS, NET PRESET TARE, kg/t or kg/lb STANDBY/OPERATE, NET/GROSS, PRESET
Keys	TARE, ZERO, M+, TARE, MODE, PRINT

Power	DC 9V (AC adaptor or direct input to terminals)
Net Weight	Approximately 0.8kg
Operating Temperature	-10°C~40°C
Storage Temperature	-10°C~70°C
Physical Dimensions mm	170(W)X126+19(D)X130(H) including terminal cover
Panel Cut out mm	124±0.5 X 16240.5
Standard Accessories	Manual AC Adaptor

Options

OP-01	BCD Output (Open Collector)
OP-02	Comparator Output (Open Collector)
OP-03	RS-422/485 with Relay Output
OP-04	RS-232C/Current Loop/Relay Output

Only one option can be selected.
One to be chosen from RS-422 or 485
Specifications subject to change for improvement withiout notice.

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Documents / Resources

	AND AD-4328 Weighing Indicator [pdf] User Manual AD-4328 Weighing Indicator, AD-4328, Weighing Indicator, Indicator

References

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