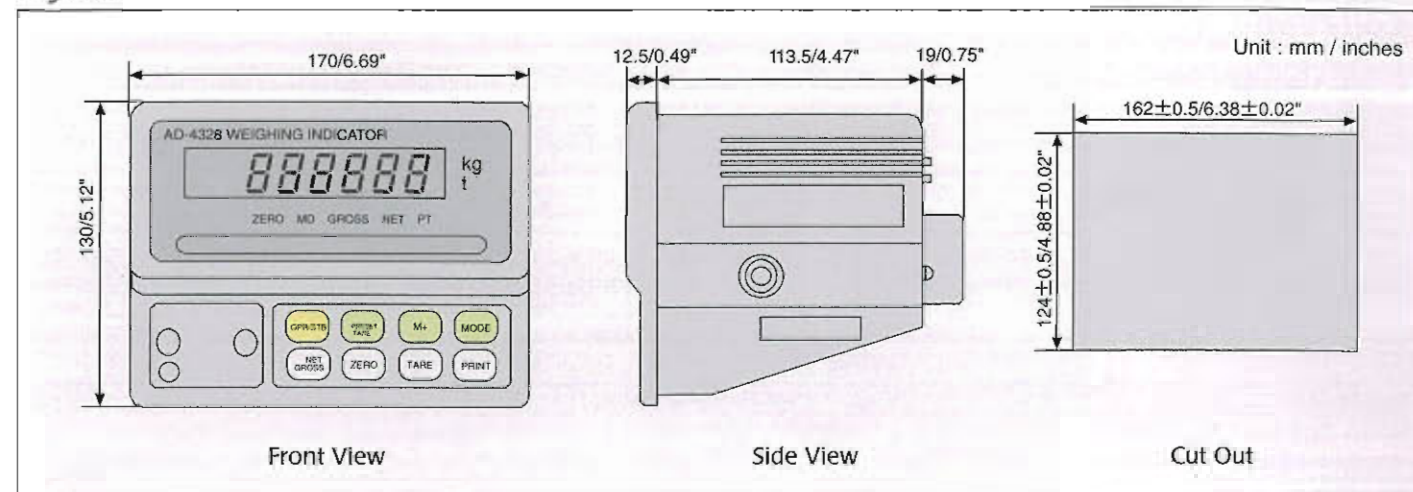


AD-4328

Weighing Indicator

Physical Dimensions



Specifications

Input Sensitivity	0.2µV/d (Min.)
Input Signal Range	-1mV~+15mV
Loadcell Excitation	5V DC ±5%
Loadcell Drive Capacity	Up to 6 loadcells at 350Ω/loadcell (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
Keys	STANDBY/OPERATE, NET/GROSS, PRESET 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 162±0.5
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 without notice.

AD-4328

Weighing Indicator



Expand Your Potential



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A&D ... Clearly a Better Value
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AD-4328 *The Best of the Low Cost Indicators*

Weighing Indicator



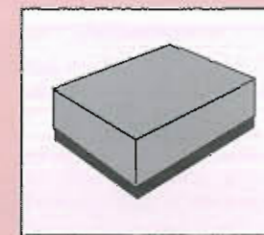
The AD-4328 was designed to provide power and flexibility at an affordable price.

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

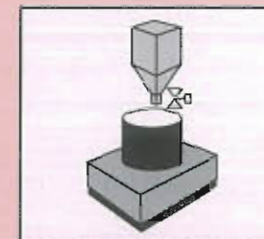
It is reliable, accurate and easy to install.

- 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 (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 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 desk 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 uncased version of the AD-4328 is available.

Communications

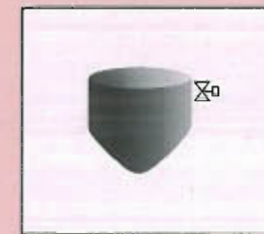


Platform Scale



Packing Scale

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



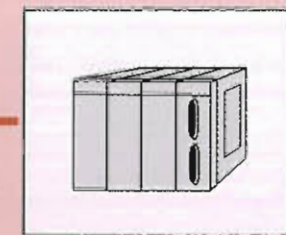
Hopper Scale

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



Computer Interface

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



PLC
 BCD (Open Collector)



External Display
 RS-232C, Current Loop



External Printer
 Relay Output
 RS-232C, Current Loop



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 | ④ DC input terminals |
| ② Load cell connection terminals | ⑤ External front panel switch control terminals |
| ③ AC adaptor connector | ⑥ Standard serial output |

