AD-4329
Weighing Indicator

Expanding the possibilities.
Expanding your business.

ISO 9000 CERTIFIED

A&D WEIGHING
...Clearly a Better Value

AD-4329
Weighing Indicator

★ **Standard RS-232C Interface**
★ **4-Point digital linearization across the full span**
★ **Triple ranges on weighing capacity are available**
★ **Optional relays for comparators & filling**
★ **Vacuum fluorescent display**

AD-4329 WEIGHING INDICATOR

0.0 kg ● lb

M+ MD GROSS NET PT ZERO

I/少 OPR/STB | PRESET TARE | M+ | MODE | Net/B/G NET/GROSS +/− | →0← ZERO > | →T← TARE ^ | PRINT

CAL
Hidden behind the cover on the front panel. Enter the calibration mode/Enter the CF functions settings.

Keys

OPR/STB — Turns display On/Off. The load cell is still powered when the display is off.

PRESET TARE — Sets the preset tare weight.

M+ — Accumulates the displayed weighing value.

MODE — Displays and clears the accumulated weighing values. Used in calibration.

NET/B/G NET GROSS — Switches between net and gross weights.

0 ZERO — Sets the zero point.
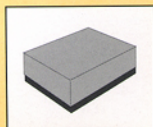
T TARE — Subtracts the tare weight.

PRINT — Outputs data to a peripheral device such as a printer. Save parameters in the Function settings.

The AD-4329 is your best choice for a variety of applications: platform scale, packer scale, hopper scale, truck scale, checkweighing….

- Vacuum fluorescent display.
- Accumulative data is stored into memory automatically or manually.
- Comparator output (HI/OK/LO) to optional relays.
- Set-point comparison for batching applications. (Near Zero/Prelim/Target/Free Fall)
- Selectable weighing ranges.(up to triple ranges)
- Standard RS-232C.
- 4-point digital linearization.

- 1/20,000 displayed count resolution.(maximum)
- Powers up to 8 units of load cells at 350Ω.
- Average 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.

Expanding the Possibilities

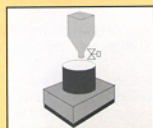**The AD-4329 is expanding your business through price performance and application diversity.**

Platform Scale
(See SB Series on back page)

PC Interface
Standard RS-232C

Truck Scale

AD-4329

Packer Scale Filling Scale
Relay output
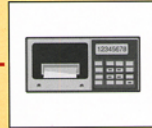• Near Zero
• Prelim
• Target
• Free Fall

External Display
AD-8920 AD-8920

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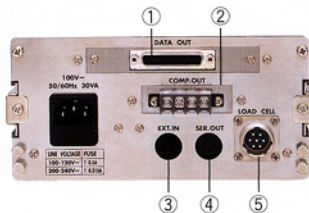Relay output
• Near Zero
• Prelim
• Target
• Free Fall

Checkweigher
Comparator output
(HI/OK/LO)

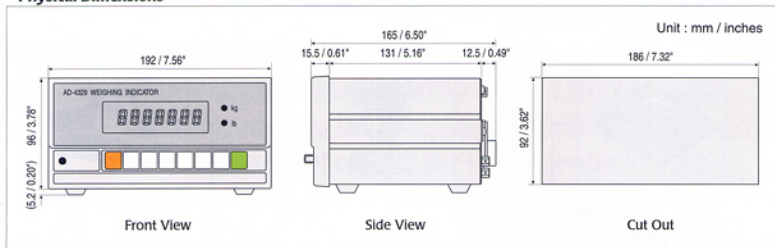Conveyer
Base

Printer
AD-8118A/B

Rear Panel View

① Standard RS-232C interface or optional BCD
   output (option AD-4329-01)
② Optional relay outputs (AD-4329-02)
③ External control input
④ Standard current loop output
⑤ Load cell connector

① ②
DATA OUT
COMP. OUT
100V~
50/60Hz 30VA
LOAD CELL
EXT.IN   SER.OUT
LINE VOLTAGE FUSE
100-130V~   T 0.6A
200-240V~   T 0.63A
③ ④ ⑤

AD-4329
Weighing Indicator

Physical Dimensions

Unit : mm / inches

192 / 7.56" 96 / 3.78" (5.2 / 0.20")

AD-4329 WEIGHING INDICATOR

Front View

165 / 6.50" 15.5 / 0.61" 131 / 5.16" 12.5 / 0.49" 92 / 3.62"

Side View

186 / 7.32"

Cut Out

Specifications

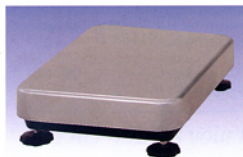|	
Input Sensitivity	0.2µV/d (Min.)
Input Signal Range	−1mV to +15mV
Load Cell Excitation	5V DC ±5%
Load Cell Drive Capacity	Up to 8 units of load cell at 350Ω (120mA)
Zero Temperature Coefficient	±(0.2µV+8ppm of dead load)/°C (typ)
Span Temperature Coefficient	±8ppm/°C of reading (typ)
Non-Linearity	0.01% of full scale
Maximum Input Noise	Less than 0.4µVp-p
Input Impedance	10MΩ or more
A/D Conversion Method	Integrating dual slope type
A/D Internal Resolution	40,000 counts
Maximum Display Resolution	20,000 counts (maximum)
A/D Conversion Rate	Approximately 10 times/sec.
Weight Display	Vacuum Fluorescent Display, 7-digit, 7-segment, 13mm (character height)
Annunciator	Stable, Zero Point, Gross, Net, Tare, Accumulation, kg/t or lb

Keys	STANDBY/OPERATE, NET/GROSS, PRESET TARE, TARE, ZERO, M+, MODE, PRINT
Power Supply	100 to 240V AC (to be switched on voltage request), 45 to 65Hz, 30VA
Net Weight	Approximately 1.8 kg / 4.0 lb
Dimensions	192(W) × 96(H) × 165(D) mm (compliance with DIN)
Panel Cut-out Dimensions	186(W) × 92(H) mm
Operating Temperature	−10 ℃ to 40 ℃ (14 °F to 104 °F)
Storage Temperature	−10 ℃ to 70 ℃ (14 °F to 158 °F)

Options

AD-4329-01	BCD output (replaces standard RS-232C)
AD-4329-02	Relay outputs (3) 250 VAC or 30 VDC

Standard accessories
- AC cable (2 meters)
- External input plug
- Load cell input plug
- Rubber foot (4 pcs)
- Capacity sticker
- Current loop output plug

Weighing Platform
SB Series
Splash and Dust Proof, equivalent to IP-65.

Model	Capacity (kg/lb)	Pan size (mm/inches)	Net weight (kg/lb)
SB-15K10	15/30	250 × 250/9.8 × 9.8	4.5/9.9
SB-60K11	60/150	330 × 424/13.0 × 16.7	8.0/17.6
SB-100K12	100/200	390 × 530/15.4 × 20.9	14.0/30.8
SB-200K12	220/500	390 × 530/15.4 × 20.9	14.0/30.8

Rated output 1mV/V±10%

Specifications subject to change for improvement without notice.

A·N·D
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LIT: 4329 2/01