

# Lightning Protection

Weighing Indicator

# AD4329A-DLC

Digital load cell

# LCCD20



AD4329A-DLC



LCCD20

# Weighing Indicator for Digital Load Cell

## AD4329A-DLC



- Standard RS-232C Interface
- Comparator output to an optional relay
- Accumulated data can be stored in memory manually or automatically.
- Up to 8 units of digital load cells
- OIML R76 Class III or IIII
- Preset tare function
- Can be controlled via external device

### Specification

Digital load cell input — DC8V  $\pm$ 5% 230 mA  
Up to 8 units of digital load cells

Sampling rate — 10 times/second

Weight Display — 7-digit LED with character  
height of 13 mm

Annunciator — M+, MD, GROSS, NET, PT, ZERO, kg/t

Keys — [OPR/STB], [PRESET TARE], [M+],  
[MODE], [NET/GORSS], [ZERO],  
[TARE], [PRINT]

Standard Interface — RS-232C interface D-sub 9-pin Male  
Standard serial output  
External control input 7 points

Power Supply — AC100 / 120 / 200 / 220 / 240 V +10% -15%  
(Please request preferred voltage rating at  
time of order)  
50/60Hz, Max.30VA

Net Weight — Approximately 1.8kg / 4.0lb

Dimensions — 192(W)  $\times$  96(H)  $\times$  180(D) mm  
(compliance with DIN)

Panel Cut Out Dimensions — 186(W)  $\times$  92(H) mm

Operating Temperature — -10°C to 40°C (23°F to 104°F)

humidity range — Less than 85%RH, non-condensing

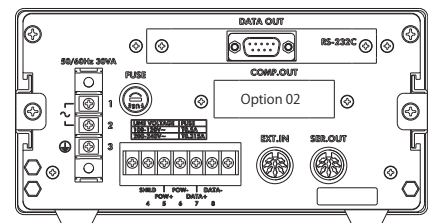
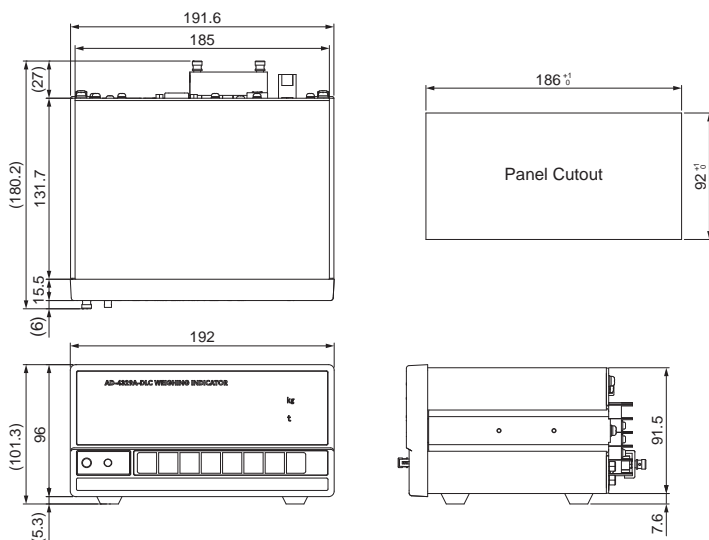
Standard accessories — Connector for the external control input 1  
Connector for the standard serial output 1  
Spare fuse 1, Rubber foot 4

### Option

AD4329A-02 — Comparator output (relay 3 output)

### External Dimensions

Unit=mm





# Lightning Protection

- If lightning strikes, the indicator and load cell will be damaged.
- The combination of the AD4329A-DLC and the LCDD20 reduces the probability of the indicator and load cell being damaged due to lightning.



\*Impact withstand voltage test in the air. JEC-0202 Impulse voltage, Impulse current test. Lightning impulse voltage 1,000,000V.

\*While equipment is reasonably protected from lightning, protection may fail in the event of lightning strikes with a strength above the rated level.

## Optional accessories

### Cable for digital load cell

AX-KO3217-5M/10M/20M/30M/50M/100M Cable Length 5m/10m/20m/30m/50m/100m

### Junction Box



AD4388-4

Number of load cells 4



AD4388-6

Number of load cells 6

### Digital Load cell simulator



AD4389

When using the AD4389, no weight is needed, it is able to output simulated weight data to the AD4329A-DLC.

*Appearance and/or specifications subject to change for improvement without notice.*



A&D Company, Ltd.

## Discover Precision

### A&D Company, Ltd.

3-23-14 Higashi-Ikebukuro, Toshima-Ku, Tokyo, 170-0013, Japan Tel: +81 3-5391-6132 Fax: +81 3-5391-1566 <http://www.aandd.jp>

### A&D Engineering, Inc.

1756 Automation Parkway, San Jose, CA 95131, U.S.A. Tel: +1 408-263-5333 Fax: +1 408-263-0119

### A&D Australasia Pty Ltd.

32 Dew Street, Thebarton, South Australia 5031, Australia Tel: +61 8-8301-8100 Fax: +61 8-8352-7409

### A&D Instruments Ltd.

Unit 24/26 Blacklands Way, Abingdon Business Park, Abingdon, Oxfordshire, OX14 1DY, United Kingdom Tel: +44 1235-550420 Fax: +44 1235-550485

### <German Sales Office>

Hamburger Straße 30, D-22926, Ahrensburg, Germany Tel: +49 4102-459230 Fax: +49 4102-459231

### A&D Korea Ltd.

8F Manhattan Bldg., 33, Gukjegeumyung-ro 6-gil, Yeongdeungpo-gu, Seoul, 07331, Korea Tel: +82 2-780-4101 Fax: +82 2-782-4280

### A&D Rus Co., Ltd.

Vereyskaya Str. 17, 121357, Moscow, Russia Tel: +7 495-937-33-44 Fax: +7 495-937-55-66

### A&D Instruments India (P) Ltd.

509 Udyog Vihar Phase V Gurgaon-122 016, Haryana, India Tel: +91 (124) 471-5555 Fax: +91 (124) 471-5599