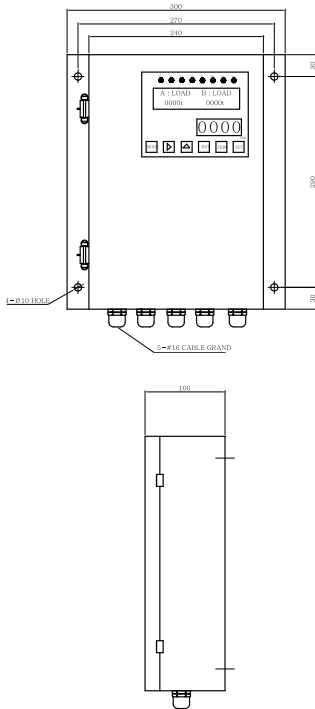


# Load Cell Controller

## PL-950A SERIES

Load Cell Controller



### FEATURES

- HIGH ACCURACY LOAD CELL MAKING SENSE OF WEIGHT
- PREVENTION FOR MIS-WORKING BY ADOPTING DIGITAL FILTER IN CASE OF SHAKING OR SHOCKING
- 4 CHANNEL DISPLAY AND INDIVIDUAL CONTROL
- ACCURATE CONTROL BY MICRO PROCESSOR
- OVERLOAD ALARM, TRIP(HIGH, LOW) RELAY OUTPUT
- NET WEIGHT DIGITAL DISPLAY
- SELF-DIAGNOSIS AND SELF-RECOVERY FUNCTION

### APPLICATIONS

- OVER HEAD CRANE
- CONTAINER HANDLING CRANE (STS, RMGC, RTGC)
- TRANSFER CRANE
- LOAD MEASURING SYSTEM

### SPECIFICATIONS

|                                  |                                      |  |
|----------------------------------|--------------------------------------|--|
| <b>POWER SUPPLY</b>              | AC110V / 220V ±10% 50/60HZ           |  |
| <b>POWER CONSUMPTION</b>         | APPROX 30W                           |  |
| <b>LOAD CELL EXCITATION</b>      | DC 10V 140mA                         |  |
| <b>INPUT SENSITIVITY</b>         | 0.45µV/D                             |  |
| <b>INPUT IMPEDANCE</b>           | 10 MΩ (MIN)                          |  |
| <b>DISPLAY</b>                   | <b>A,B,C,D LOAD</b>                  | <b>TOTAL LOAD</b>                      |
|                                  | LCD MODULE                           | 7 SEGMENT 4 DIGITS RED L.E.D.          |
| <b>CONTROL RELAY OUT</b>         | <b>A,B OVERLOAD ALARM &amp; STOP</b> | <b>TOTAL OVERLOAD ALARM &amp; STOP</b> |
|                                  | 1B DRY CONTACT (or 1A)               | 1B DRY CONTACT (or 1A)                 |
| <b>WORKING TEMPERATURE RANGE</b> | -10°C ~ +50°C                        |  |
| <b>RELATIVE HUMIDITY</b>         | 85% RH MAX (NON-CONDENSING)          |  |
| <b>NON-LINEARITY</b>             | ±0.01%                               |  |
| <b>DECIMAL POINT POSITION</b>    | 0, 0.0, 0.00, 0.000                  |  |
| <b>MIN. DIVISION</b>             | x1, x2, x5, x10                      |  |
| <b>MAX. DISPLAY</b>              | 999                                  |  |

### OPTION

- ANALOG OUTPUT SIGNAL** 4 ~ 20mA
- ANALOG OUTPUT SIGNAL** DC 0 ~ 10V
- DIGITAL OUTPUT SIGNAL** RS232C INTERFACE
- DIGITAL OUTPUT SIGNAL** RS422 INTERFACE