Digital Weighing Indicator

DN-511A

Description

The DN511A weight indicator is designed for use with any weighing instruments, including packaging machines, weight check systems, flatfirm scales, and tensile/compression testers, which have wide industrial application. This product is equipped with two RS232C ports that allow for communicating with external devices such as PCs. Due to its four relay outputs, this weight indicator provide ease of use in controlling weight.

• Provides better shielding against external noise;

• Has a display resolution of 1/30,000;

• Weight back-up when power failure

• Capable of storing electrostatic data;

• 1.0 inch Red FND Display
• Equipped with the RS232C;

◀ Various functions

• Built-in external input terminals (zero/container/hold removal);

• Trans type Power Supply - AV110/220V;;

• Current Loop 1port standard built in

- **Option** :1. Analogue Output (0~10V) 2. Analogue Output (4~20mA) 3. Serial Interface : RS422 / RS485

Specification

Application sensor	Strain guage sensor (350Ω or 700Ω)
Input Sensitivity	0.45μV / Digit
Loadcell Input Voltage	DC 10V (±5V)
Zero-Point Calibration Range	- 0.6mV ～ + 1.5 mV
Max. Loadcell Input Voltage	32mV
Temperature Coefficient	Zero-Point: ±20 PPM / ℃ Span: ±20 PPM / ℃
Input Noise	±0.6μV P.P
Input Impedance	10MΩ or Higher
Character height	7Segments, 6digits Red color FND
Sampling speed	Max 200 times/sec
A/D Resolution	260,000 Count(18bit)
Non-Linearity	0.01% FS
Relay output	4 control relay built-in
Usage temperature range	−5℃ ～ 40℃
Humidity	less than 85% RH (no dew condensation)
Power source used	Power Supply - AV110/220V

DIMENSION

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