


Type DRS-II Indicator



Short Description



- Supports weighing systems of 1 to 6 load cells
- Fast speed, high accuracy $\Sigma - \Delta$ A/D conversion technology
- Special anti-vibration software technology
- Suitable for electronic platform, floor and other electronic static weighing scales
- Stainless steel housing
- Rechargeable battery separately available

 OIML Test certificate no. R76/2006-CN1-09.20

Available Models

P/N	Model	Amount of Connections	Full Article Description
78130320	DRS-II	1-6	DRS-II (OIML)

Type DRS-II Indicator

Main Technical Index DRS-II

- Input signal range: -19~+19mV
- Maximum division number of the display: 100000d
- Weight update speed rate: 50 times/sec.
- A/D conversion: 20 bit Sigma-Delta analog to digital
- A/D sampling frequency: 3.84kHz
- Display: 6 digits 1.2 inches high, LED display
- Large screen interface: current loop interface
- Working temperature: -10~+40°C
- Storage temperature: -25~+55°C
- Relative humidity: ≤ 85%
- Load cell excitation voltage: DC5V /150mA
- Power supply mode: AC87~242V, electric current is 0.1A; built-in DC7.4V/4Ah lithium battery
- Serial port: RS232 interface (with electrostatic protection), continuous output, MODBUS-RTU, command input and output

Type DRS-II Indicator

Product Features DRS-II

- Ordinary weighing and counting functions
- RS232 interface can communicate with the host computer or external printers
- RS485 interface (MODBUS-RTU), with isolation
- It can print the record format or duplicate format
- Manual/automatic counting and printing
- Relay output (Optional)
- Bluetooth function (Optional)
- Internet interface TCP/IP (Optional)
- 4-20mA (Optional)
- Can connect with Hengtian D30 small display
- IP67 waterproof

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Technical Specifications DRS-II

A/D Conversion Method	$\Sigma - \Delta$
A/D Conversion Rate	10 times/second
Maximum A/D Conversion Bits	20
Input Signal Range	-10mV ~ 15mV
Input Sensitivity	$\geq 1\mu\text{V/e}$
Load Cell Excitation	DC 5V; $I \leq 150\text{ mA}$
Maximum Connection Number of Load Cells	4 at 350 Ω
Load Cell Connection Method	4-wire/6-wire
Accuracy Class	C3
Verification Counts	3000
Maximum External Counts	30000
Maximum Internal Resolutions	300000
Divisions (Optional)	1/2/5/10/20/50
Display	6-digits LED, 6 status indications
Display Range	-2000 ~ 150000 (d=10)
Transmission Distance	Current loop ≤ 2000 meters
Selectable Baud Rate	1200/2400/4800/9600
Transmission Distance for RS232C	≤ 30 meters
Operating Temperature	0°C ~ + 40°C
Storage Temperature	-25°C ~ + 55°C
Relative Humidity	$\leq 85\%$ RH non-condensing
Ingress Protection (acc. to EN 60529)	IP67
Power Supply (battery excluded from delivery)	AC87~242V, electric current is 0.1A; built-in DC7.4V/4Ah lithium battery