



# LOOP20

## Loop Calibrator

### Specifications:

Operating temperature	: 0°C ~ 50°C
Operating relative humidity	: ≤80% RH
Storage temperature	: ≤-10°C ~ 50°C
Storage relative humidity	: ≤90% RH
Power supply	: 2 x 1.5V (LR6)
Size	: 180×90×47mm (with holster)
Weight	: 500g (with holster)
Standard accessories	: manual, industrial test lead (with alligator clips attached to probes)
Optional accessories	: AC power-supply adapter

### FEATURES

- ❖ 4-20mA output
- ❖ Auto power off
- ❖ High accuracy and rapid response
- ❖ Step, Ramp, and Auto output
- ❖ Low battery indication
- ❖ Easy to use

Output	Measuring Range	Output Range (mA)	Resolution	Accuracy	Remark
Current	20mA	0.000 ~ 22.000	0.001mA	±0.05% of set value or ±4µA	Max. 1KΩ at 20mA (see manual for detail)
Simulation of Transmitter	-20mA	0.000 ~ 22.000	0.001mA	±0.05% of set value or ±4µA	Max. 1KΩ at 20mA (see manual for detail)
Loop power	24V	-	-	±10%	Max. output current up to 25mA

Input	Range	Input Range	Resolution	Accuracy	Remark
Voltage	28V	-0.200 ~ 28.000V	1mV	±0.02% of reading or ±2mV	Input resistance 1MΩ
Current	20mA	-1.000 ~ 22.000mA	0.001mA	±0.02% of reading ±4µA	input resistance 20Ω
Loop current	20mA	0.000 ~ 22.000mA	0.001mA	±0.02% of reading ±4µA	providing 24V loop power



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