

## GENERAL DATA:

<b>Power supply from the network</b>	From 100-240 Vac network via standard USB battery charger
<b>Battery power supply</b>	3400 mAh LiPo battery; 4 hours' autonomy (minimum @ max load)
<b>Precision</b>	0.03% basic, 0.04% for current
<b>Operating temperature</b>	0..35°C
<b>Storage temperature</b>	-20..50°C (not under charge), 0..40°C during charging
<b>Humidity</b>	30..90 % non condensing
<b>Insulation</b>	Intrinsically insulated battery powered instrument No isolation of the USB port
<b>Connections</b>	1 Fast Ethernet 100 Tx port; Integrated WiFi 2.4 GHz (802.11 b/g/n, Up to 150 Mbps)
<b>Protection rating</b>	IP20
<b>Overvoltage protection</b>	240 Vac max without permanent damage
<b>Rejection</b>	50/60 Hz
<b>Sampling frequency</b>	10 Hz
<b>Supplied</b>	Connecting cables (4), battery charger, USB cable
<b>Calibration report</b>	On request
<b>Standards</b>	EN61326-1; EN61010-1

## MEASUREMENT FUNCTIONS

<b>Current</b>	0.1 ÷ 24 mA active and passive;
<b>Voltage (V)</b>	0 ÷ 26 V
<b>Voltage (mV)</b>	-10 mV ÷ +90 mV
<b>Thermocouple</b>	Type J, K, T, E, N, R, S, B, L
<b>Temperature resistances (2, 3, 4 wires)</b>	Pt100, Pt500, Pt1000, Cu50, Cu100, Ni100, Ni120
<b>Load cell</b>	350 Ohm; -0.2 ÷ +3 mV/V
<b>Pulse</b>	Max count 1000 Hz
<b>Frequency</b>	0.1 ÷ 1000 Hz
<b>Measurement precision</b>	0.03% basic, 0.04% for current

## GENERATION FUNCTIONS

<b>Current</b>	0.1 ÷ 24 mA active and passive;
<b>Voltage (V)</b>	0 ÷ 26 V
<b>Voltage (mV)</b>	-10 mV ÷ +90 mV
<b>Thermocouple</b>	Type J, K, T, E, N, R, S, B, L
<b>Temperature resistances (2 wires)</b>	Pt100, Pt500, Pt1000, Cu50, Cu100, Ni100, Ni120
<b>Load cell</b>	350 Ohm; -0.2 ÷ +3 mV/V
<b>Pulse</b>	min 0.5 ms (1 ÷ 24V) settable number of pulses
<b>Frequency</b>	0.1 ÷ 1000 Hz
<b>Generation precision</b>	0.03% basic, 0.04% for current

## RAMP FUNCTIONS

<b>Signal Functions</b>	Current/Voltage/TC/RTD/Load cell
<b>Type</b>	Single or loop Maximum 9 segments, ramp resolution 100 ms, minimum ramp 1 second

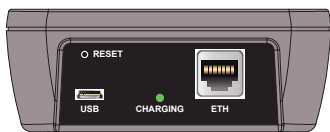
## DATALOGGER

<b>Datalogger</b>	Yes
<b>Sampling time</b>	>500 ms

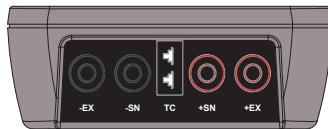
## LAYOUT:



## INTERFACE:

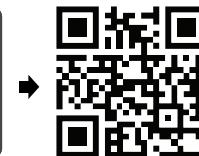


FRONT

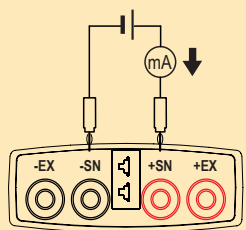


REAR

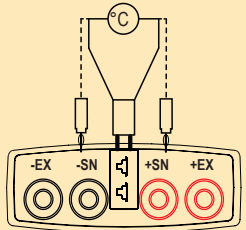
## DOCUMENTATION



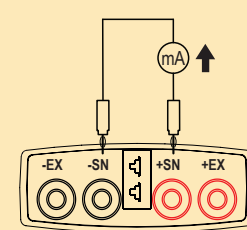
PASSIVE CURRENT GENERATOR



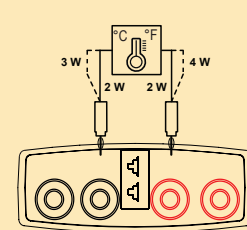
THERMOCOUPLE SIMULATOR



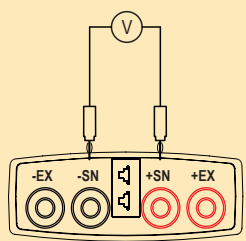
ACTIVE CURRENT GENERATOR



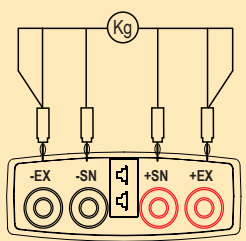
RESISTANCE TEMPERATURE SIMULATOR



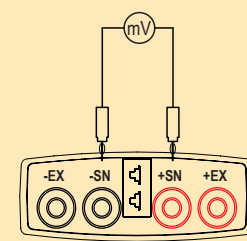
HiRange VOLTAGE GENERATOR



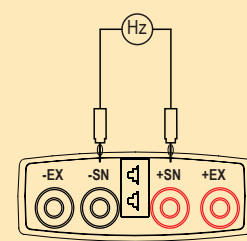
LOAD CELL SIMULATOR



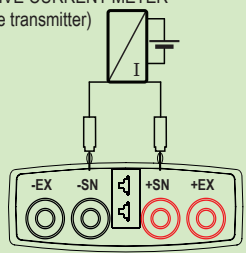
LowRange VOLTAGE GENERATOR



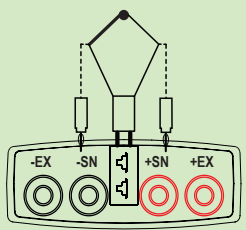
FREQUENCY/PULSE GENERATOR



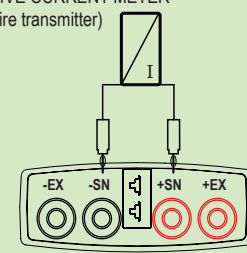
PASSIVE CURRENT METER (4-wire transmitter)



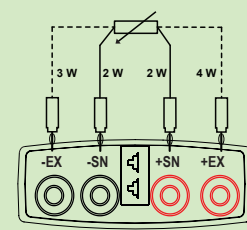
THERMOCOUPLE TEMPERATURE METER



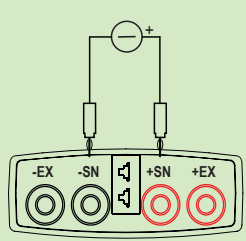
ACTIVE CURRENT METER (2-wire transmitter)



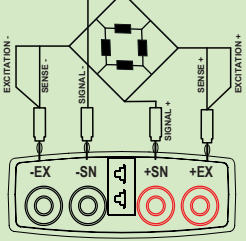
RESISTANCE TEMPERATURE METER



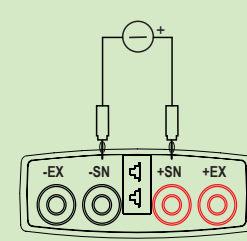
HiRange VOLTAGE METER



LOAD CELL METER



LowRange VOLTAGE METER



FREQUENCY/PULSE METER

