General information

PVS26520211001

The Tester 1008, unique in its kind, is used to check the distribution of the load among the load cells, thus avoiding overloads or unbalances that may be harmful both for the load cells and for the precision of the measurement. Our diagnostic calibrator Tester 1008 allows you to verify the exact calibration of the four-cell systems in a short time with a simple and practical connection to the junction box, thus guaranteeing a huge time saving. In addition to that, Tester 1008 also allows you to perform the instrumental calibration of weight indicators and weight transmitters. The Tester 1008 is equipped with a monochrome touch screen display, touch keyboard, power button and ABS handheld case. The Tester 1008 can be used with cells with power supply voltage from 3 Vdc to 15 Vdc, both positive and positive and negative, with input impedance > 100 kohm.

User Manual: tester-1008_user_manual.pdf

All indicated data may be changed without notice.
All the measures indicated are expressed in millimeters (mm).

Technical specifications

PVS26520211001

Internal Resolution:	24 bit
Degree of protection:	IP65
Visible resolution (in divisions):	> 50000
Temperature range:	-10°C ÷ +50°C
Storage temperature:	-20 ÷ +70°C
Serial port:	USB (PC connection), RS232 (instrument connection), NFC (instrument connection)
Power supply:	3.3 Vdc / 50 mA (max 4 cells 350 Ohm)
Microcontroller:	ARM Cortex M0 + 32-bit, 256KB Flash reprogrammable on-board from USB
Data storage:	64 Kbytes expandable up to 1024 Kbytes
Regulatory compliance:	EN61000-6-2, EN61000-6-3 EMC; EN61010-1 for Electrical Safety
Dimensions:	185 x 93 x 36 mm (H x L x P)
Resolution:	16 bit
Battery:	Four 1.5V alkaline batteries or rechargeable NiMh 1.2V
Impedance:	350 ÷ 2000 Ohm (load cells)
Power consumption:	Max. 200 mA
Optional memory:	USD card (not removable)
Status battery:	Battery icon with 5 charge levels
Output linearity:	<0,02 % full scale
Output signal:	-3 mV ÷ +30 mV
Input signal range:	-3.9 ÷ 3.9mV/V

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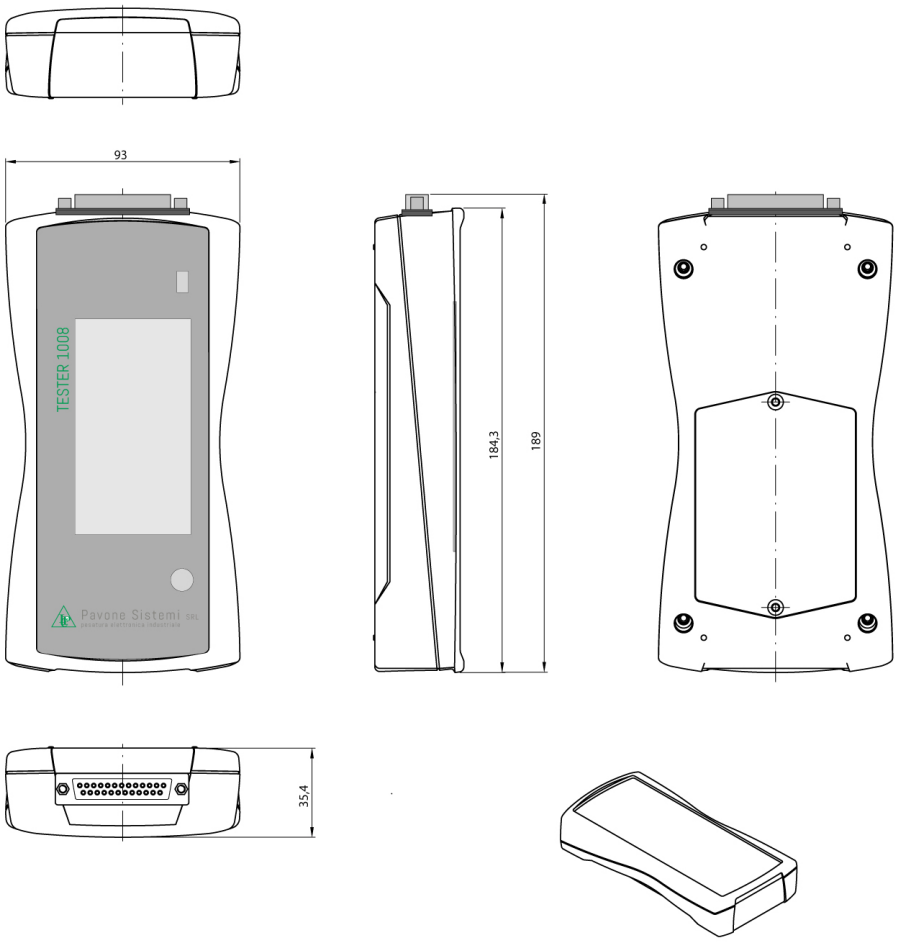

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