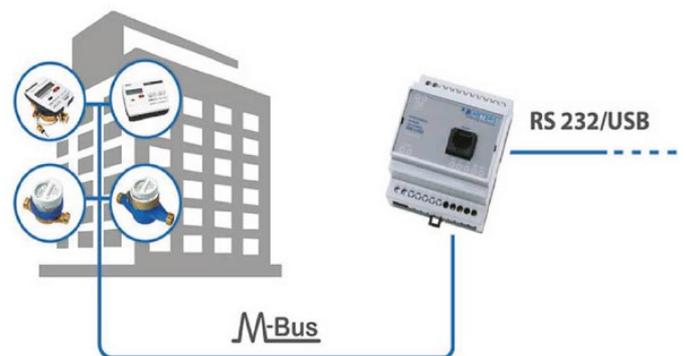


MB-LV32

MB-LV32 is micro-controller-based bi-directional full-duplex M-bus to RS-232C converter. It can supply power to maximum of 32 m-bus slave devices.

MB-LV32 is used in building and industrial tax meters and/or sensors remote reading networks. It has output short circuit protection. It is mounted on standard M35 DIN rail.



TECHNICAL FEATURES

Maximum number of m-bus slave devices	32
Maximum output current	70 mA
Output current protection level	90mA
Nominal output voltage (mark)	35.5 VDC \pm 1 V
Zero output voltage '0' (space)	22 – 25 VDC
Power supply voltage	150 – 250 VAC (200 – 350 VDC)
Maximum power consumption	< 4 W (@ 32 m-bus slaves connected)
Ambient temperature, operating	-20 – +50°C
Ambient temperature, storage	-50 – +90°C
Air humidity	40 – 90 %
Dimensions (H x W x D)	86 x 70 x 57 mm
IP protection class	IP30
Maximum transmissible signal baud rate	4800 bps
Maximum distance between master and slave in the network	1200m
Display	5 LEDs (prot, RX, bus/TX, collision, overload)
Weight	200g

DESIGNING, PRODUCING AND DISTRIBUTING SOLUTIONS FOR OVER 25 YEARS

B METERS is an Italian company that has been designing, producing and distributing instruments and solutions for measuring the consumption of water and thermal energy used for heating and cooling, for over 25 years.

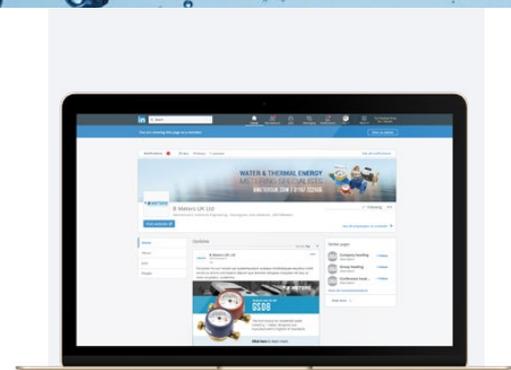
The yearly production currently exceeds 2M units, putting B METERS in a leading position both at national and European level.

The product range includes turbine (velocity) type single and multi-jet water meters with mechanical or magnetic transmission, Woltmann meters, irrigation meters, flow meters, thermal energy meters and heat cost allocators with direct reading, or complete with integrated modules for the remote transmission of the consumption data.



EN 1434

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THE BMETERS RANGE



WATER METERS



THERMAL ENERGY METERS



READING SYSTEMS



M-BUS SOLUTIONS