ATRON
ELECTRONIC SYSTEMS

"Innovative Solutions
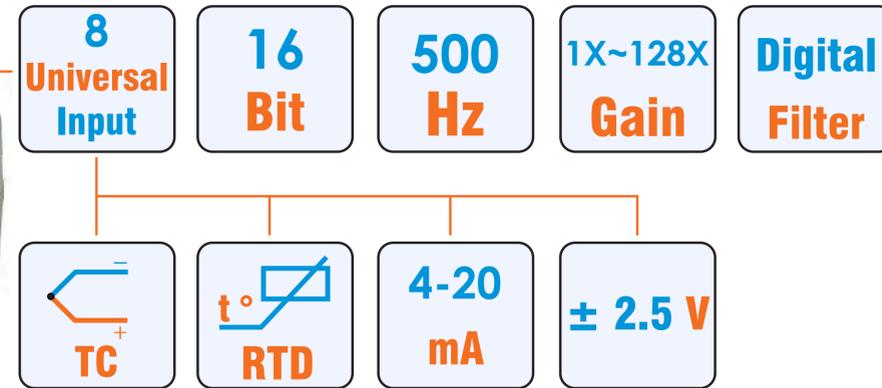*For Smart Partners"*

AL8-G

Universal Data Logger

▷ Key Features

AL8-G

8 Universal Input	16 Bit	500 Hz	1X~128X Gain	Digital Filter

TC	RTD	4-20 mA	± 2.5 V

▷ AL8-G

Universal Data Logger
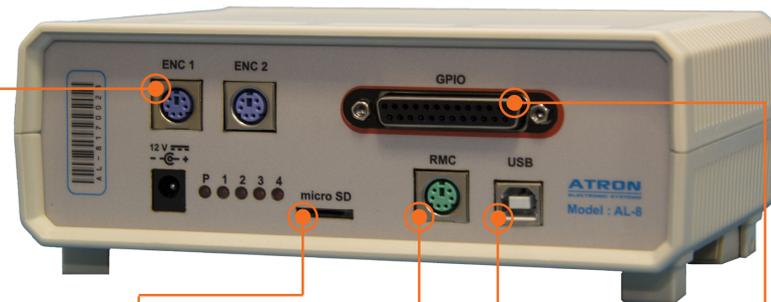

Encoder	SD	Modbus	USB	8 DO	8 DI

☐ User-friendly and intuitive operation PC software

☐ 8 independent differential input channels

☐ Analogue input rating: Voltage: ±2500mV or Current: 0-20 mA

☐ Display readings and graphs in real time through PC software

☐ Compatible with most analog sensors such as load cells, pressure transducers, strain gauges, LDT/Potentiometric displacement transducers

☐ Internal calibration formula for various type of thermocouple, 4-20 mA transducer ,mv/v sensors and accept equation for none linear sensors

☐ Onboard ambient temperature sensor (Used for Thermocouple calculation)

☐ Effective resolution: 65000 points

☐ Sampling rate up to 500 readings per second for each channel

☐ Through software adjustable input gain: 1X ~ 128X

☐ USB connection to PC via general or customized software

☐ HMI connection via RS485 (MODBUS RTU)

☐ Save data on Micro SD storage card

☐ Two incremental encoder input

☐ 4 virtual channel to apply any desirable formula to each channel readings to calculate specific parameters.

☐ 4 virtual machine can be defined. The logging process can be started separately for each machine and the data will be saved in a separate file.

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