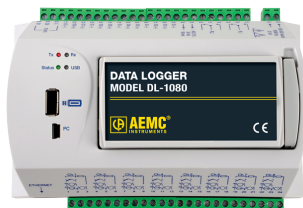


Data Logger Model DL-1080 (Discontinued - no replacement)

Cat. #2134.61 - Model DL-1080 (Discontinued - no replacement)

Cat.#2134.61



Channels	Eight universal analog input without display
	8 digital I/O (Individually configured as inputs or outputs)
	Up to 128 virtual channels
Input	Screw terminal connectors
Ranges	J, K, T, E, N, R, S & B thermocouples
	RTD100 (PT100) & RTD1000 (PT1000)
	0 to 20mA, 4 to 20mA, 20mV, 50mV, 60mV, -20 to +20mV, 0 to 5V, 0 to 10V
Accuracy	V and mA and RTD: $\pm 0.15\%$ of full scale
	Thermocouples J, K, T, E, N: $\pm 0.2\%$ of full scale $+1^{\circ}\text{C}$
	Thermocouples R, S, B: $\pm 0.2\%$ of full scale $+3^{\circ}\text{C}$
Resolution	24 bit analog/Digital converter, selectable by software for each channel
Input Impedance	V DC: $1.1\text{M}\Omega$, DC current: 15Ω & 1.5V
	Thermocouples and RTD: $>2\text{M}\Omega$
Storage Rate	Programmable from 0.2 seconds min for full specification when using all channels
Storage Modes	Start/Stop, Wrap around, Alarm, Date time
Memory	Internal: 2 MB: 532,480 measurements or SD card (not supplied)
Alarm	32 alarms and 2 output relays available
Communication	USB, Ethernet, RS485
Power Source	100 to 240VAC $\pm 10\%$, 20VA max
Dimensions	6.46 x 4.61 x 17.8" (164 x 117 x 70mm)
Weight (with battery)	14.1 oz (400g)
Case	ABS

For more details, download the datasheet or user manual at www.aemc.com

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customerservice@aemc.com • techsupport@aemc.com

Operating Temperature	32° to 122°F (0° to 50°C)
Storage Temperature	-4° to 140°F (-20° to 65°C)
Relative Humidity	Up to 85% @ 85°F (30°C)
Ingress Protection (IP)	IP20
EMC	EN 61326-1
Safety Compliance	IEC 61010-1, EN 61010-2-30

CE

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