

DL100/110 Data Loggers

DL100 Ordering Information

Part No.	Model No.	Parameter	Range	Acc.	Resol.	Memory	Features
DL100.001	DL100T	Temperature	-40 to 80°C	±0.5°C	0.1°C	32,767	Red LED Status or Alarm. NIST.
DL110.001	DL110T	Temperature	-40 to 80°C	±0.5°C	0.1°C	32,767	Start/Stop Button, Red LED Alarm. Green LED sampling indicator. NIST.
DL100.002	DL100TH	Temperature	-40 to 80°C	±0.5°C	0.1°C	21,845 per channel	Red LED Status or Alarm. NIST.
		Humidity	5 to 95%	±3%	0.5%		
DL100.003	DL100Tc	Temperature	-40 to 80°C	±0.5°C	0.1°C	16,383 per channel	Ambient temp. with second channel for remote thermocouple. Program for types J, K, T, E, R, S, B, N. Red LED Status or Alarm. NIST.
		Remote Temperature	Thermocouple-260 to 1370°C	±0.5°C (est.)	0.1°C		
DL100.012	DL100V	Remote Voltage	-100 to 100 mVDC	±0.01% FSR	5 µVDC	32,767	Green LED sampling indicator. Progr Eng Unit.
DL100.013	DL100V	Remote Voltage	-.025 to 2.75 VDC	±0.01% FSR	0.1 mVDC	32,767	Green LED sampling indicator. Progr Eng Unit.
DL100.004	DL100V	Remote Voltage	-1 to 16 VDC	±0.1% FSR	0.5 mVDC	32,767	Green LED sampling indicator. Progr Eng Unit.
DL100.014	DL100V	Remote Voltage	-2 to 32 VDC	±0.1% FSR	1 mVDC	32,767	Green LED sampling indicator. Progr Eng Unit.
DL100.016	DL100mA	Remote Current	-1 to 1 mADC	±0.5% FSR	0.05 µADC	32,767	Up to 10 year battery life. Green LED sampling indicator. Progr Eng Unit.
DL100.005	DL100mA	Remote Current	-25 to 25 mADC	±0.1% FSR	1 µADC	32,767	Up to 10 year battery life. Green LED sampling indicator. Progr Eng Unit.
DL100.015	DL100mA	Remote Current	-20 to 100 mADC	±0.1% FSR	10 µADC	32,767	Green LED sampling indicator. Progr Eng Unit.
DL100.017	DL100mA	Remote Current	-100 to 100 mADC	±0.1% FSR	5 µADC	32,767	Up to 10 year battery life. Green LED sampling indicator. Progr Eng Unit.
DL100.006	DL100Pu	Remote Pulse/Event	0 to 100 pulses/sec; 4,320,000 pulses/interval	1ms pulse; 10ms period	1 count	16,383 intervals	10K ohm impedance. Green LED sampling indicator. Progr Eng Unit. (+30VDC Max Pulse)
DL100.008	DL100TPr	Temperature	-40 to 80°C	±0.5°C	0.1°C	8,191 per channel	Green LED sampling indicator. Progr Eng Unit. Auto calculation of mmHg, inches, Pascals, Torr, etc. NIST.
		Pressure	0 to 30 psia	±2% FSR	0.002 PSIA		
DL100.009	DL100THPr	Temperature	-40 to 80°C	±0.5°C	0.1°C	13,107 per channel	Green LED sampling indicator. Progr Eng Unit. Auto calculation of mmHg, inches, Pascals, Torr, etc. Ambient temperature and humidity. NIST.
		Humidity	5 to 95%	±3%	0.5%		
		Pressure	0 to 30 psia	±2% FSR	0.002 PSIA		
DL100.010	DL100RTD	Remote RTD	-200 to 850°C	±0.05°C	0.01°C	21,845	Green LED sampling indicator. NIST.
DL100.011	DL100pHT	Remote pH	0.00 to 14.00 pH	±0.1 pH	0.01 pH	13,107 per channel	Green LED sampling indicator. BNC connector for pH. 100 ohm Pt100 (2, 3, or 4-wire).
		Remote RTD	-200 to 850°C	±0.1°C	0.1°C		
DL100.018	DL100Sh	Tri-Axial Shock	-5 to 5G	±0.2G	0.01G	43,960 per axis	Rugged design, wide range, automatic calculation of total G-force.
DL100.019	DL100Sh	Tri-Axial Shock	-50 to 50G	±1G	0.05G	43,960 per axis	Rugged design, wide range, automatic calculation of total G-force.
DL100.020	DL100Sh	Tri-Axial Shock	-100 to 100G	±2G	0.1G	43,960 per axis	Rugged design, wide range, automatic calculation of total G-force.

