

		Groundwater Data Loggers		
Logger Type		dipperLog TOUGH+	dipperLog 128+	dipperLog VENTED+
Performance	# of Data Sets	128,000	128,000	128,000
	Download Speed	21,333.33/min	21,333.33/min	21,333.33/min
	Water Level Accuracy (Typical)	+/- 0.05%FS (0°C to 50°C)	+/- 0.05%FS (0°C to 50°C)	+/- 0.05%FS (0°C to 50°C)
	Temperature Accuracy (Typical)	+/- 0.05°C Temperature Sensor Meets ASTM E1112 and ISO 80601-2-56. NIST Traceability.	+/- 0.05°C Temperature Sensor Meets ASTM E1112 and ISO 80601-2-56. NIST Traceability.	+/- 0.05°C Temperature Sensor Meets ASTM E1112 and ISO 80601-2-56. NIST Traceability.
Operating Features	Pressure Ranges	10m/30ft (14PSI), 30m/100ft (42PSI), 60m/200ft (85PSI), 120m/400ft (170PSI)	10m/30ft (14PSI), 30m/100ft (42PSI), 60m/200ft (85PSI), 120m/400ft (170PSI)	10m/30ft (14PSI), 30m/100ft (42PSI), 60m/200ft (85PSI), 120m/400ft (170PSI)
	Overpressure Rating	2X Factory Calibrated Range	2X Factory Calibrated Range	2X Factory Calibrated Range
	Operating Temperature	-20°C to 80°C (-5°F to 175°F)	-20°C to 80°C (-5°F to 175°F)	-20°C to 80°C (-5°F to 175°F)
	Pressure Resolution %FS	0.01	0.01	0.01
	Battery Life (Depending On Usage)	Up to 5,000,000 Readings Up to 15 Years	Up to 5,000,000 Readings Up to 15 Years	Up to 5,000,000 Readings Up to 15 Years
	Warranty	3 Years	3 Years	3 Years
Physical Characteristics	Wetted Material	Titanium, Delrin®, Teflon™	316 SS, Delrin®, Buna-N	316 SS, Delrin®, Buna-N
	O-Ring (Primary)	Teflon™	Buna-N	Buna-N
	O-Ring (Backup)	Viton	Viton	Viton
	Transducer	Titanium Piezoresistive Silicon	316 SS Piezoresistive Silicon	316 SS Piezoresistive Silicon
	Length	145mm / 5.7"	145mm / 5.7"	145mm / 5.7"
	Diameter	22mm / 0.87"	22mm / 0.87"	22mm / 0.87"
	Weight	150g	170g	170g
Deployment Options	Suspended, Direct Read, Reel	Suspended, Direct Read, Reel	Direct Read	



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Barometric Loggers / Pressure Transmitters

(barLog, 4-20mA Pressure Transmitter)

Barometric Loggers	Pressure Transmitters		
barLog	4-20mA Pressure Transmitter	Logger Type	
128,000	N/A	# of Data Sets	Performance
21,333.33/min	N/A	Download speed	
+/- 0.05%FS (0°C to 50°C)	+/- 0.05%FS (0°C to 50°C)	Water Level Accuracy (Typical)	
+/- 0.05°C Temperature Sensor Meets ASTM E1112 and ISO 80601-2-56. NIST Traceability.	N/A	Temperature Accuracy (Typical)	
N/A	10m/30ft (14PSI), 30m/100ft (42PSI), 60m/200ft (85PSI), 120m/400ft (170PSI)	Pressure Ranges	Operating Features
2X Factory Calibrated Range	2X Factory Calibrated Range	Overpressure Rating	
-20°C to 80°C (-5°F to 175°F)	-20°C to 80°C (-5°F to 175°F)	Operating Temperature	
0.01	N/A	Pressure Resolution %FS	
Up to 5,000,000 Readings Up to 15 Years	N/A	Battery Life (depending on usage)	
3 Years	3 Years	Warranty	
N/A	316 SS, Delrin®, Buna-N	Wetted Material	Physical Characteristics
Buna-N	Buna-N	O-Ring (Primary)	
Viton	Viton	O-Ring (Backup)	
316 SS Piezoresistive Silicon	316 SS Piezoresistive Silicon	Transducer	
145mm / 5.7"	145mm / 5.7"	Length	
22mm / 0.87"	22mm / 0.87"	Diameter	
170g	170g	Weight	
N/A	N/A	Deployment Options	



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