

Logger / Sensor / Sonde Comparison Table

Name	Type	Absolute or Vented	Digital Interface	Construction Material	Conformity Standards	Memory	Logging Rate*	Power	Accuracy	Operating Temp	Max. Depth*	Readout Options
LevelSCOUT	Level & Temperature	Absolute	RS485 Modbus Aqua4Plus	Stainless Steel or Titanium	N/A	50,000 records	From 1 second	Replaceable Lithium	±0.1°C ±0.05% FS	-20°C to 60°C	200 m	Van Walt Datalogger or Comms. Kit
Keller PR-36XiW	Level & Temperature	Both	RS485 Modbus SDI12	Stainless Steel	EN 61000-6-1 to 6-4 EN 61326-1 to 3 IP68	External Datalogger or Telemetry	From 1 second	3.2 - 32 VDC	±0.1°C ±0.02% FS Typical over total temp. range	-20°C to 80°C	300 m	Van Walt Datalogger
Keller PR-46X	High Accuracy Surface Water Level	Both	RS485 Modbus	Stainless Steel (type AISI 316L)	IP68	External Datalogger or Telemetry	From 1 second	8 - 28 VDC	± 0.1 %FS Typical over total temp. range	0°C to 80°C	3 m	Van Walt Datalogger
Keller PR-36XS	Level & Temperature Narrow Diameter	Both	RS485 Modbus	Stainless Steel (type AISI 316L)	EN 61000-6-1 to 6-4 EN 61326-1 to 3 IP68	External Datalogger or Telemetry	From 1 second	10 to 32 V	0.025 %fs Typical over total temp. range	-20°C to 80°C	30 m	Van Walt Datalogger
Keller CTD PR-36XiW	Level, Temperature & Conductivity	Both	RS485 Modbus SDI12	Stainless Steel 316L (DIN 1.4425/1.4404)	EN 61000-6-1 to 6-4 EN 61326-1 to 3 IP68	External Datalogger or Telemetry	From 1 second	3.2 to 32 VDC 4.5 to 32 VDC	± 0.02 %FS max Typical over total temp. range	-20°C to 80°C	300 m	Van Walt Datalogger
AquaTROLL 500	Multi-Parameter Water Quality Sonde	Both	RS485 Modbus SDI12	PC Alloy, Delrin, Santoprene +	IP68	External Datalogger or Telemetry	From 2 seconds	8-36 VDC	Temp: +/- 0.1°C Baro Pressure: +/- 1.0 mBar pH: ±0.1 PH ORP ₄ : +/- 5 MV TDS: ±0.5% DO: ±0.1MG TSS: +/-2%	5°C to 50°C	100 m	Van Walt Datalogger

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PT2X	Level & Temperature	Both	RS485 Modbus SDI12 Aqua4Plus	Stainless Steel or Titanium	IP68, NEMA 6P	520,000 records External Datalogger or Telemetry	8x/sec maximum	2x1.5V AA Alkaline 2 9 - 16VDC	± 0.05% FSO (typical)	-15° C to 55° C	200 m	Van Walt Datalogger or Comms. Kit
PT12	Level & Temperature	Both	RS485 Modbus SDI12 Aqua4Plus	Stainless Steel or Titanium	IP68, NEMA 6P	External Datalogger or Telemetry	From 1 second	12 VDC – Nominal 6 - 15VDC – Range	±0.05% FS (typical)	-15° C to 55° C	200 m	Van Walt Datalogger
CT2X	Conductivity, Total Dissolved Solids, Level & Temperature	Both	RS485 Modbus SDI12 Aqua4Plus	Stainless Steel or Titanium	IP68, NEMA 6P	349,000 records External Datalogger or Telemetry	4x/sec maximum	2x1.5V AA Alkaline 2 6 - 15 VDC	± 0.05% FSO (typical)	-5° C to 40° C	200 m	Van Walt Datalogger or Comms. Kit
TempHion	pH, ORP & Temperature	Both	RS485 Modbus SDI12 Aqua4Plus	Stainless Steel or Titanium	IP68, NEMA 6P	400,000 records External Datalogger or Telemetry	2x/sec maximum	2x1.5V AA Alkaline 2 6 - 15 VDC	± 0.2	-15° C to 55° C	210 m	Van Walt Datalogger or Comms. Kit
Turbo	Turbidity	Both	RS485 Modbus SDI12 Aqua4Plus	Stainless Steel or Titanium	IP68	260,000 records External Datalogger or Telemetry	2x/sec maximum	12 VDC Nominal (9-16 Vdc)	± 2% or ± 2 NTU @ 25° C	0° C to 40° C	50 m	Van Walt Datalogger or Comms. Kit
DO₂	Dissolved Oxygen & Temperature	Both	RS485 Modbus Aqua4Plus	Stainless Steel or Titanium	IP68	260,000 records External Datalogger or Telemetry	8x/sec maximum	12 VDC Nominal (9-16 Vdc)	1% of reading or 0.02 ppm	0° C to 55° C	70 m	Van Walt Datalogger or Comms. Kit