

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 2X | Level & Temperature | Absolute | RS485 Modbus Aqua4Plus | Stainless Steel or Titanium | N/A | 100,000 records | From 1 second | Replaceable Battery | ±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 |