

Specialty Sensors with 4-20 mA Output

Toroidal Conductivity

Max. Temp 140°F (60°C)
 Max. Pressure 50 PSI
 Body..... CPVC
 Power Supply..... 24 VDC
 Wiring 2-wire loop
 Process Connection.. 1.5" MNPT (dual)
 Cable Length..... 20 ft.

TCA-C3254A..... 0-10 mS
 TCA-C3254B..... 0-100 mS



Conductivity & Temperature

Operational Temp 32°-122°F (0°-50°C)
 Max. Pressure 100 PSI
 Body..... CPVC
 Sensor 4-pin (carbon)
 Power Supply..... 22-26 VDC
 Wiring 5-wire
 Process Connection.. 3/4" CPVC tee
 Cable Length..... 5 ft.

STA-720 10-100,000 uS/cm
 32-122°F (0°-50°C)



Differential pH

Max. Temp 185°F (85°C)
 Max. Pressure 100 PSI
 Body / Salt Bridge..... PPS
 Wet End PVDF/Ceramic/Viton
 Power Supply..... 24 VDC
 Wiring 2-wire loop
 Process Connection.. 1.5" MNPT (dual)
 with 1.5" FNPT tee
 Cable Length..... 20 ft.

SDA-7420PH..... 0-14 pH



pH & ORP

Operational Temp 40°-104°F (4°-45°C)
 Max. Pressure 100 PSI
 Outer Body 304 SS
 Replaceable Sensor .. UPVC
 Power Supply..... 22-26 VDC
 Wiring 4-wire
 Process Connection.. 3/4" CPVC tee
 submersible

Cable Length..... 8 ft.
 STA-710SS..... 0-14 pH
 STA-711SS..... ±1,500 mV
 STA-712SS..... 0-14 pH & ±1,500 mV



Dissolved Oxygen

Operational Temp 32°-113°F (0°-45°C)
 Max. Pressure 75 PSI
 Body..... CPVC
 Power Supply..... 22-26 VDC
 Wiring 4-wire
 Process Connection.. Submersible, 3/4"
 MNPT back, CPVC
 tee optional
 Cable Length..... 30 ft.

STA-773 0-20 mg/L or 0-200%



Dissolved Oxygen & Temperature

Temp Range 32°-113°F (0°-40°C)
 Max Pressure 75 PSI
 Body..... 304 SS
 Power Supply..... 22-26 VDC
 Wiring 5-wire
 Process Connection.. Submersible, 3/4" MNPT
 back, 3/4" CPVC tee
 also included
 Cable Length..... 30 ft.

STA-772T 0-20 mg/L, 0-200%
 or 0-500 mbarP02
 Temperature output
 is 32°-122°F (0°-50°C)



Pressure

Max. Fluid Temp..... 175°F (79°C)
Body..... 316 SS
Diaphragm..... Ceramic
O-Ring..... Neoprene
Power Supply..... 8-28 VDC
Wiring..... 2-wire loop
Process Connection.. 1/4" MNPT
Cable Length..... 8 ft.



PTD-100 0-100 PSI
PTD-200 0-200 PSI

Temperature

Max. Pressure 1,000 PSI
Outer Body..... 304 SS
Thermowell..... 316 SS
Power Supply..... 9-28 VDC
Wiring..... 2-wire loop
Process Connection.. 1/4" MNPT
Cable Length..... 10 ft.



TTD-200-10 0°-200°F (-17.78°-93.33°C)

Turbidity and Suspended Solids with Wiper

Max. Temp 122°F (50°C)
Max. Pressure 45 PSI
Body..... 316 SS
Power Supply..... 24 VDC
Light..... LED:
<100 NTU warm white
>100 NTU IR
850nm absorbance (TSS)



Wiring..... 4-wire
Process Connection.. Submersible,
3/4" (back)
Cable Length..... 33 ft.

LTA-632 0-1,000 NTU
LTA-635 0-30,000mg/L

Turbidity Ultra-Low Inline

Max. Temp 131°F (55°C)
Max. Pressure 100 PSI
Body..... 304 SS
Light..... Warm white LED
EPA-180.1 Compliant
Power Supply..... 24 VDC
Wiring..... 4-wire
Process Connection.. 3/4" tee, CPVC tee
Cable Length..... 8 ft.



LTA-739 0.00-40.00 NTU

Advantage Controls offers additional sensors:

- Corrosion
- Fluorometer
- Level
- Oxidizer (Cl₂, ClO₂, Br₂, O₃, SO₃)



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