

Specialty Sensors with 4-20 mA Output

Toroidal Conductivity

Max Temp 122°F (50°C)
Max Pressure 72 PSI (5 bar)
Body PP/PVC
Power Supply 12-24 VDC
Optional CPVC tee 2" slip
Cable Length 9.5 ft.

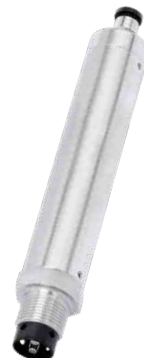
TRX-001 0-1,000 uS/cm
TRX-010 0-10,000 uS/cm
TRX-100 0-100,000 uS/cm



Conductivity & Temperature

Operational Temp 32°-122°F (0°-50°C)
Max Pressure 100 PSI
Body 304 SS
Power Supply 22-26 VDC
Wiring 5-wire
Process Connection .. ¾" MNPT
Cable Length 5 ft.

STA-724 0.02-1,000 uS/cm
STA-728 0.02-10.00 uS/cm



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 .. ¾" 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, ¾"
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, ¾" MNPT
back, ¾" 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)



Max Fluid Temp..... 167°F (75°C)
Body..... 316 SS
Diaphragm..... Ceramic
O-Ring..... Neoprene
Power Supply..... 8-28 VDC
Wiring 2-wire loop
Process Connection.. ¼" MNPT
Cable Connector..... M12



*Cables sold separately

PTD-100 0-100 PSI

PTD-200 0-200 PSI

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



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

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 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	¾" tee, CPVC tee
Cable Length	8 ft.



LTA-739 0.00-40.00 NTU

Process Connection Options:

Flow Cell to DrainA-50779

1.5" PVC Inline TeeA-50780

Advantage Controls offers additional sensors:

- Corrosion
- Fluorometer
- Level
- Oxidizer (Cl_2 , ClO_2 , Br_2 , O_3 , SO_3)



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05/2025

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