



TRUBLUE 288 CT SDI-12 DATA LOGGER

- Multiple sensors connected on one cable
- Conductivity Accuracy 1% of reading or 20 $\mu\text{S}/\text{cm}$
- Five-year permanent battery
- 8 MB internal memory for up to 550,000 data points
- User-friendly TruWare software included at no charge

Features

- One cable installation, multiple sensors
- Two-year warranty
- Simple set-up and data retrieval
- Real-time instrument status/data graphs
- RS-485 or SDI-12 communication interface

Applications

- Aquifer Characterization and Pump Tests
- Saltwater Intrusion Studies
- Flood and Storm Surge
- Tide Gauging
- Oceanographic Research
- Surface Water Monitoring
- Groundwater Monitoring

TE Connectivity has long set the standard for quality environmental monitoring instruments. Now, our next generation of data logger, the TruBlue 288CT, combines precision and performance along with rugged reliability. The 288CT is a multi-depth sensor array connected on one cable. This methodization is used to characterize conductivity and temperature at various levels in a well or open channel. This model is made with 316 stainless steel or titanium with a fully sealed design and advanced, power-conserving microcomputer technology. The 288 logs conductivity and temperature for over five years and is battery operated, so it does not require onsite power.

The TruBlue 288 CT multi data logging system is an excellent choice when making several measurements of conductivity and temperature at different levels on a single cable.

Specifications

| SENSORS – CONDUCTIVITY | | |
|---------------------------------|------|---------------------------|
| Sensor Type | | 4 Electrode Cell |
| Sensor Material | | Epoxy / Graphite |
| Range (microsiemens/centimeter) | Low | 5 |
| | High | 200,000 |
| Accuracy | | 1% of reading or 20 µS/cm |
| Resolution | | 1 µS/cm |

| SENSORS – TEMPERATURE | | |
|------------------------------|------|-------------------------|
| Sensor Type | | Embedded NTC Thermistor |
| Range (°C) | Low | 0 |
| | High | 50 |
| Accuracy | | ±0.1°C |
| Resolution | | 0.01°C |

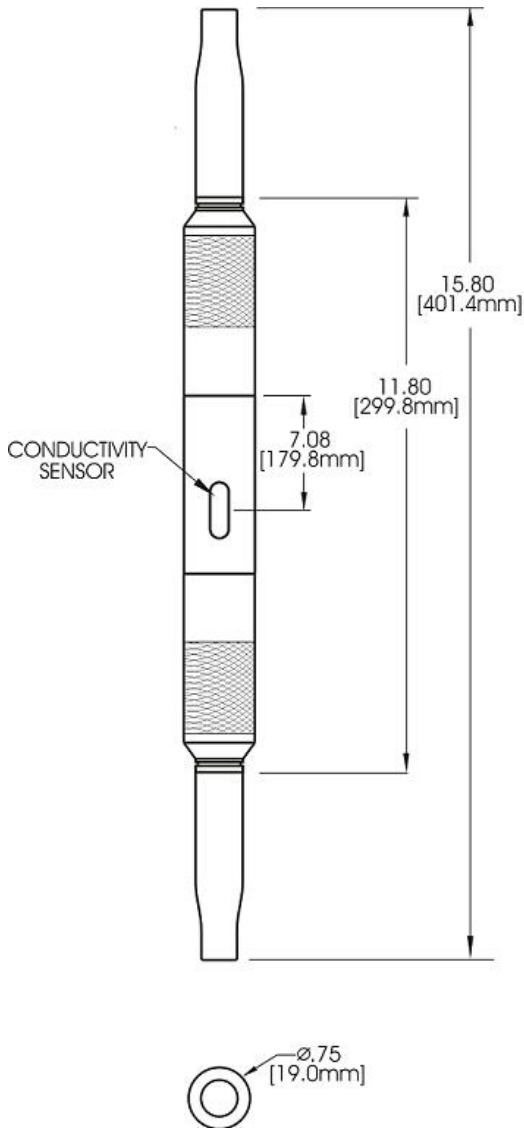
| PHYSICAL | | |
|-----------------|--------|------|
| Diameter | inches | 0.75 |
| Length | inches | 9.85 |
| Weight | oz. | |

| OPERATING CONDITIONS | | |
|-----------------------------|------|-----|
| Pressure (psi) | Low | 5 |
| | High | 300 |
| Temperature (°C) | Low | 0 |
| | High | 50 |

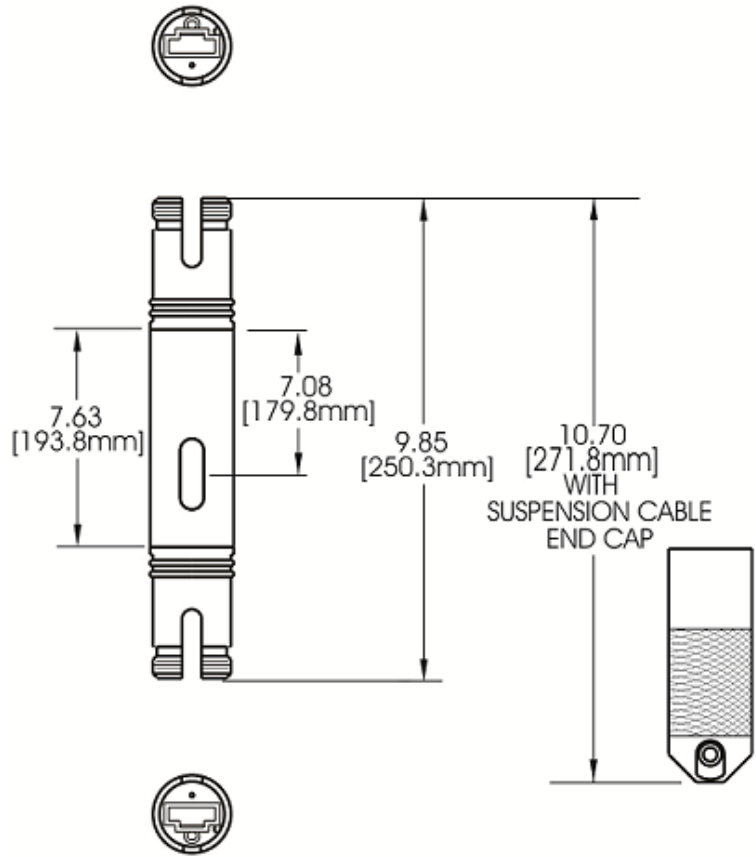
| ELECTRICAL | |
|---------------------------|-------------------------------------|
| Internal Battery Type | 3.6V lithium |
| Battery Life | 5 years |
| On-Board Surge Protection | ✓ |
| External Power | 6-16 VDC (2 mA sleep, 15 mA active) |
| Communication Interface | RS-485 (half duplex), SDI-12 |

| DATA LOGGING | |
|---------------------|------------|
| Memory | 8 MB |
| Data Points | 550,000 |
| Clock Accuracy | 2 min/year |

Dimensions



DATA LOGGER ATTACHED TO CABLES

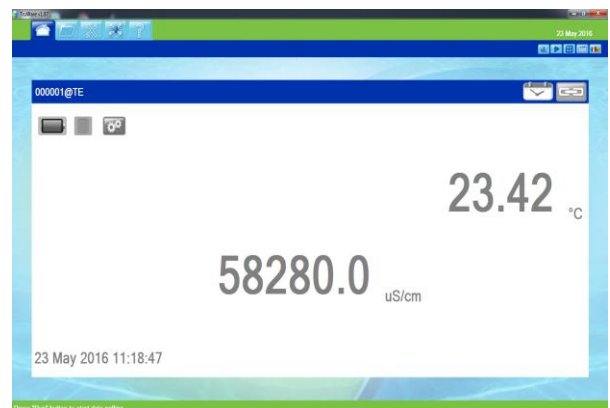


DATA LOGGER ONLY

Software

Each unit comes with user-friendly TruWare software at no charge.

- View, graph, and export test data
- Manage transducers by site
- Easy to use in the field or office



TRUBLUE 288 CT DATA LOGGER

Ordering Information

1. Choose your Data Logger Model

| PART NUMBER | MATERIAL |
|-------------|-----------------|
| 288-00000 | Stainless Steel |
| 288-00010 | Titanium |

2. Choose your Deployment / Interface Cable Options (if needed)

| PART NUMBER | DESCRIPTION |
|-------------|---|
| 851-00XXX | Direct Read Interface Cable– Stainless Steel Backshell and Poly Cable |
| 851-01XXX | Direct Read Interface Cable – Titanium Backshell and ETFE Cable |
| 851-02XXX | Direct Read Interface Cable – Titanium Backshell and Poly Cable |

Note: (XXX) = Cable length in Feet

| PART NUMBER | DESCRIPTION |
|-------------|---|
| 853-00XXX | 853 Interface Cable– Stainless Steel Backshell and Poly Cable |
| 853-01XXX | 853 Interface Cable – Titanium Backshell and ETFE Cable |
| 853-02XXX | 853 Interface Cable – Titanium Backshell and Poly Cable |

Note: (XXX) = Cable length in Feet

| PART NUMBER | DESCRIPTION |
|--------------|--|
| 854-00XXX-YY | Double Ended Interface Cable– Stainless Steel Backshell and Poly Cable |
| 854-02XXX-YY | Double Ended Interface Cable – Titanium Backshell and Poly Cable |

Note: XXX = Cable length in Feet, YY = Cable length in Inches, for XXX > 015 then YY=00

3. Additional cabling options can be found in the TruBlue Accessories Catalog

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