Monitor and record temperature in hostile or wet environments with Series WL Waterproof Logger. The Series WL is housed in a rugged stainless steel or aluminum casing and can withstand an operating pressure range up to 2000 psi (138 bar). The logger can store up to 244,800 readings with user configurable sampling methods and sampling rates. The logger is designed with an internal NTC thermistor for measuring temperatures from -40 to 185°F (-40 to 85°C) or 50 to 275°F (10 to 135°C). Use the Series WL for temperature monitoring in wastewater treatment plants, environmental monitoring, process monitoring, agriculture, medical and pharmaceutical industries. Software and connecting cable included.

O-RING SPECIFICATIONS
The type of O-ring to be used with the Logger depends upon your application. Each O-ring is designed for use with certain fluids only. The table below summarizes the compatibility with various fluids.

<table>
<thead>
<tr>
<th>Material</th>
<th>Use with these fluids:</th>
<th>DO NOT Use with these fluids:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluoroelastomer Amines</td>
<td>Petroleum Oils</td>
<td>Acetone, H2S, Hot Water, Gasoline, Transmission Fluid</td>
</tr>
<tr>
<td>Ethylene (EPDM) Loggers are shipped with this</td>
<td>Alcohols, Brake Fluids, Propylene, Refrigerants</td>
<td>Petroleum Oils, Diester Lubricants</td>
</tr>
</tbody>
</table>

Important: It is recommended that the O-ring be replaced every 3 months or earlier if wear and tear is visible. You must ensure that the O-ring material selected is compatible with the environment where it will be used. The size of the O-ring is AS568A 111.

SPECIFICATIONS
Temperature Range: WL-1X: -40 to 185°F (-40 to 85°C); WL-2X: 50 to 275°F (10 to 135°C).
Memory Size: 244,800 readings.
Accuracy: WL-1X: ±0.3°F between 52 to 158°F (±0.2°C between 0 to 70°C); WL-2X: ±0.9°F (±0.5°C).
Clock Accuracy: ±2 seconds per day.
Resolution: 8-bit.
Sampling Method: Continuous (first in – first out); Stop when full.
Sampling Rates: User selectable rates, 8 seconds to 34 minutes.
Computer Requirements: IBM PC or 100% compatible with at least one free serial port, 2MB of RAM memory and 2MB of hard disk space.
Software Requirements: Windows® 3.1, 95, 98, ME, NT, 2000, or XP software.
Power Requirements: Internal 3.6V lithium. 3-year approximate life (factory replaceable).
Mounting: Locking hole on cap.
Weight: WL-10 & WL-20: 1.8 oz (51 g); WL-11 & WL-21: 4 oz (112 g).

MAINTENANCE
The Series WL is not field serviceable (except for O-ring replacement) and should be returned if repair is needed (field repair should not be attempted and may void warranty). Be sure to include a brief description of the problem plus any relevant application notes. Contact customer service to receive a return goods authorization number before shipping.