



## DRUMLINE DL964 ELECTRODE

The Drumline DL964 is a direct replacement probe for the following OEM's or aftermarket copies  
The DL964 is a direct replacement for all the probes listed below.

|                             |                               |             |
|-----------------------------|-------------------------------|-------------|
| <b>FOSSIL POWER SYSTEMS</b> | <b>9300-0002</b>              | <b>OEM</b>  |
| <b>LEVELSTATE SYSTEMS</b>   | <b>TYPE 852</b>               | <b>COPY</b> |
| <b>PROBES PLUS</b>          | <b>721-89-00</b>              | <b>COPY</b> |
| <b>YARWAY</b>               | <b>964584-01 / 7000044436</b> | <b>OEM</b>  |
| <b>PENBERTHY</b>            | <b>7Y943-000</b>              | <b>OEM</b>  |
| <b>TYCO</b>                 | <b>12243-A</b>                | <b>OEM</b>  |
| <b>QUESTTEC SOLUTIONS</b>   | <b>QTLT-PR862-YAFO</b>        | <b>COPY</b> |
| <b>DIAMOND POWER</b>        | <b>SERIES II PROBE</b>        | <b>COPY</b> |

Drumline Ltd is the world leading manufacturer of Direct Replacement Conductivity probes or electrodes. All probes are vacuum brazed, Helium leak tested, and Hydro tested to ensure that they meet our exacting standards. We use a high tolerance Zirconium insulating ceramic to ensure long life. The brazed metal to ceramic joint is further protected by an ultra-tough gilding process. We use high-quality stainless steel for all the metal parts of the probes, this gives the best combination of thermal expansion properties, brazing properties, toughness, and finish.

Fossil rate the 9300-0002 probe up to 650 degrees C, which is really pushing the zirconia in terms of electrical resistance. Above 400 degrees C the electrical resistance starts to drop. The DL964 has been proved to be completely reliable up to 670 degrees C. We have never seen temperatures above this.

## TECHNICAL COMPARISON

*Technical comparison relates to the OEM part and the Drumline Ltd superior quality direct replacement part. All copies of the OEM part are intended as replacements for the OEM part and therefore only the below specifications are relevant.*

| <b>MANUFACTURER</b>      | <b>OEM – FOSSIL POWER SYSTEMS</b>         | <b>DRUMLINE LTD</b>         |
|--------------------------|---|-----------------------------|
| Part Number              | 9300-0002                                 | DL964                       |
| Body Material            | Stainless steel                           | Stainless steel             |
| Insulator Material       | Brazed Zirconia                           | Brazed Zirconia             |
| Connection Method        | Compression nut                           | Compression nut             |
| Seal Type                | Taper                                     | Taper                       |
| Overall Length           | 120mm                                     | 125mm                       |
| Tip Diameter             | 11.8mm                                    | 11.8mm                      |
| Cable Connection         | Knurled nuts                              | Thumb nut and spring washer |
| Maximum Temperature      | 650 Deg C / 1200 Deg F                    | 650 Deg C / 1200 Deg F      |
| Maximum Pressure         | 210 Bar / 3000 psi                        | 210 Bar / 3000 psi          |
| Warranty                 | 2 years                                   | 2 years                     |
| Weight per Probe / Boxed | 110g / 3.88 oz                            |                             |
| Boxed Dimensions         | 173 x 45 x 45mm / 6.75 x 1.75 x 1.75 inch |                             |

The details contained in this document were correct at the time of publishing. All Drumline Ltd products are designed as 100% compatible direct replacements for the OEM part.