

## 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.

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

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.

MANUFACTURER	OEM – FOSSIL POWER SYSTEMS	DRUMLINE LTD
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.