

DRUMLINE DLRTV020RK PROBE



The Drumline **DLRTV020RK** is a direct replacement probe for the following OEM or aftermarket copies.

CLARK RELIANCE	RV020RK / RV020RK	OEM
FOSSIL POWER	9300-0015 / 9300-0013	COPY
QUESTTEC SOLUTIONS	QTLT-PR870-CRV	COPY
PROBES PLUS	432-57-00 / 432-37-00	COPY

Drumline recommends the use of its **DLRVT020RK** as an upgrade for the Clark Reliance Probe. The DLRVT020RK is a brazed Zirconia probe with a tough bearing grade PTFE coating. It uses a spiral wound stainless steel and graphite gasket, instead of the cheaper gaskets used by Clark Reliance.

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.

Drumline has used decades of experience in the conductivity probe industry to further refine the designs of its direct replacement conductivity probes. Most Levelstep probes feature a large thumb nut for ease of use when connecting probe cables. An anti-vibration washer has also been incorporated to ensure a reliable probe cable connection

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 – CLARK RELIANCE	OEM – CLARK RELIANCE	DRUMLINE LTD
Part Number	RT020RK	RV020RK	DLRTV020RK
Body Material	Stainless steel	Stainless steel	Stainless steel
Insulator Material	PTFE compression seal	PTFE compression seal	Brazed Zirconia / PTFE coated
Connection Method	5/8 UNEF screw thread	5/8 UNEF screw thread	5/8 UNEF screw thread
Seal Type	Gasket	Gasket	Spiral wound gasket
Overall Length			52mm tip seat
Tip Diameter			13.75mm
Cable Connection	Knurled nuts	Knurled nuts	Thumb nut and spring washer
Maximum Temperature	236 Deg C / 456 Deg F	285 Deg C / 545 Deg F	260 Deg C / 500 Deg F
Maximum Pressure	31 Bar / 450 psi	69 Bar / 1000 psi	150 Bar / 2175 psi
Warranty	1 year	1 year	2 years
Weight per Probe / Boxed	125g / 4.4 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.