

Engineering Bulletin

RK23191 Marine Water-In-Fuel (WIF) Probe

Marine Type Approved For All Vessels



Racor announces a new, all-steel and ceramic water-in-fuel (WIF) probe designed to meet new IMO Marine Requirements. This new RK23191 water probe can be used with all of our American Bureau of Shipping (ABS) and Underwriters Laboratories, Inc. (UL) marine products. This passive probe design has a 303 stainless steel housing which captivates a ceramic insulator and stainless probe tip. The housing features a durable plastic connector housing to attach to an external pigtail harness with yellow and black 18 AWG wires (no polarity).

The WIF assembly is 100% tested to 100 PSI (6.9 bar) and features the reliable SAE J1926 o-ring design with 1/2"-20 straight threads. When used with a Racor Water Detection Amplifier (sold separately), the fluid electrical resistance is measured from the probe tip to the housing, which serves as the ground. Therefore, this WIF sensor can be used with all Racor Turbine, Spin-on, DFBO, and 800 Series diesel fuel filter/water separators with a metal bowl or metal filter housing.



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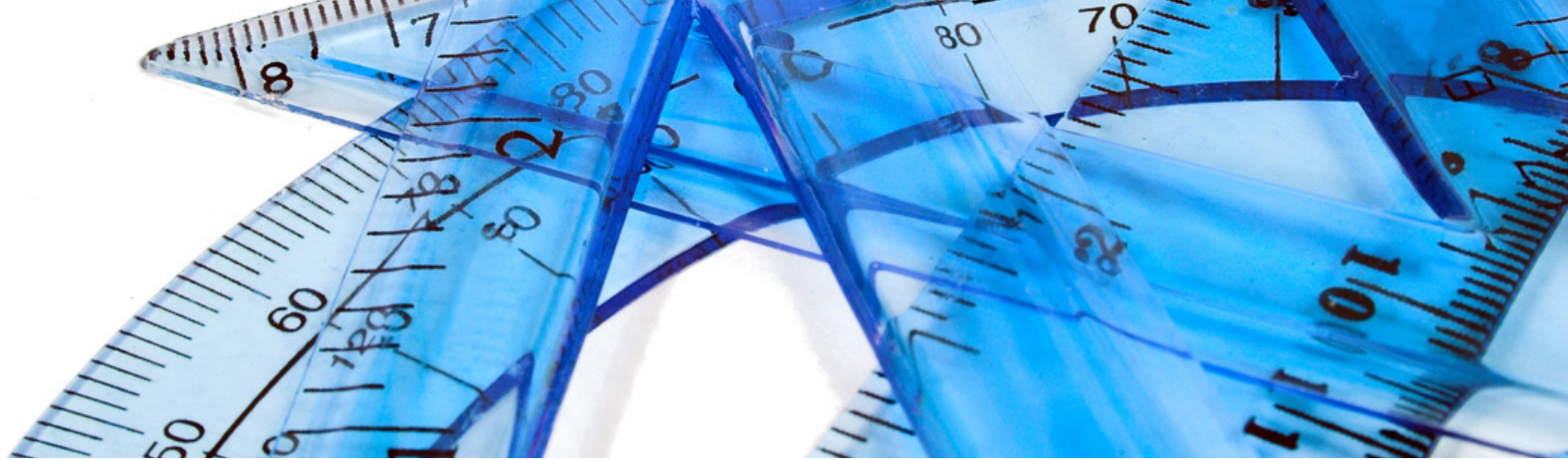
www.parker.com/racor

Features and Benefits

- **ABS Marine Type Approved, Cert. #11-HS800012-PDA**
- **Meets requirements of ISO19921 fire resistance test**
- **Robust 303 stainless steel and ceramic design**
- **One inch (1") hex drive body, over 3 in. (7.6 cm) long**
- **1/2"-20 straight threads with SAE J1926 sealing design**
- **FKM o-ring material for durable service life**
- **Detachable Packard GT-Series connector and 36" long wiring loom**
- **UL Marine Listed, 168Y**



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Racor Engineering

Racor is the global leader in fuel, air, oil, and coolant filtration systems for internal combustion engines and fuel delivery. Founded in 1969, the company's product line includes fuel filter/water separator systems, high-flow filter vessels and elements, oil filter systems, automatic transmission filters, heavy-duty engine air filters, crankcase ventilation filter systems, and coolant products. Racor also offers concentrated additives for fuel, gasoline, and lube oil. Applications include engine-powered equipment in the on-highway, off-highway, marine, agriculture, and stationary power markets.

Being a solutions provider means helping our customers achieve higher levels of success by **engineering** the best systems for their requirements. It means looking at customer applications from many angles to find new ways to create value. We are committed to engineering YOUR success.