

Parker Velcon Post SAP Solutions

CDFX™ SAP Free Fuel Filter Monitor

Parker Velcon's new SAP Free barrier technology eliminates the uncertainty of SAP downstream by removing SAP from the equation while still providing the efficiency and water removing performance you can rely on from a fuel monitor cartridge.

The new surface/barrier technology provides a drop-in solutions for today's 2" and 6" monitors. Exterior dimensions and endcap styles remain the same while media technology

are exchanged with new barrier technology. This allows for use with current monitor housings without the need for expensive and costly retrofitting of filtration systems on fuel carts and fueling trucks.

CDFX provides protection against:

- Emulsified Water
- Water Slug
- Solids Contaminants

Design and tested to EI1588 Specifications.



WIF™ Water-in-Fuel Sensor

Parker Velcon's Water-in-Fuel (WIF™) Sensor is designed to meet Energy Institutes (EI) 1598 Specifications for electronic sensors used to monitor fuel contamination including free water and/or particulate matter.

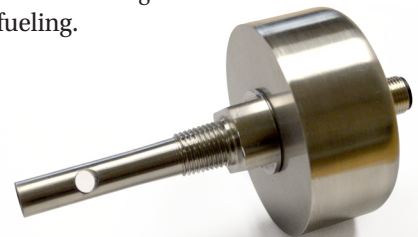
The WIF sensor was created using technologies developed by Parker Velcon for the US military. This advanced technology is at the core of the Velcon Contaminant Analyzer (VCA™) which has been deployed in

commercial and military applications for over ten years.

Utilizing laser light scattering principles, the WIF is designed and calibrated to detect the presence of free water in fuel from 0 to 50 ppm.

Parker Velcon strives to utilize our proven technologies while employing simplicity of installation and operation in its design criteria. The WIF is designed to interface with common

meter systems using a 4-20 mA output or can be implemented with a simple secondary control box that can be connected to a "dead man" circuit assuring safe fueling.



FOW Dirt Defense Filter

The Parker Velcon FOW cartridges are designed to provide superior performance and reliability in standard fuel filter housings through a unique combination of media that removes solids that may be present in the fuel, and provides for reduced static charge.

The cartridges have injection molded endcaps that are bonded

to the media with an O-ring seal on the mounting nozzle.

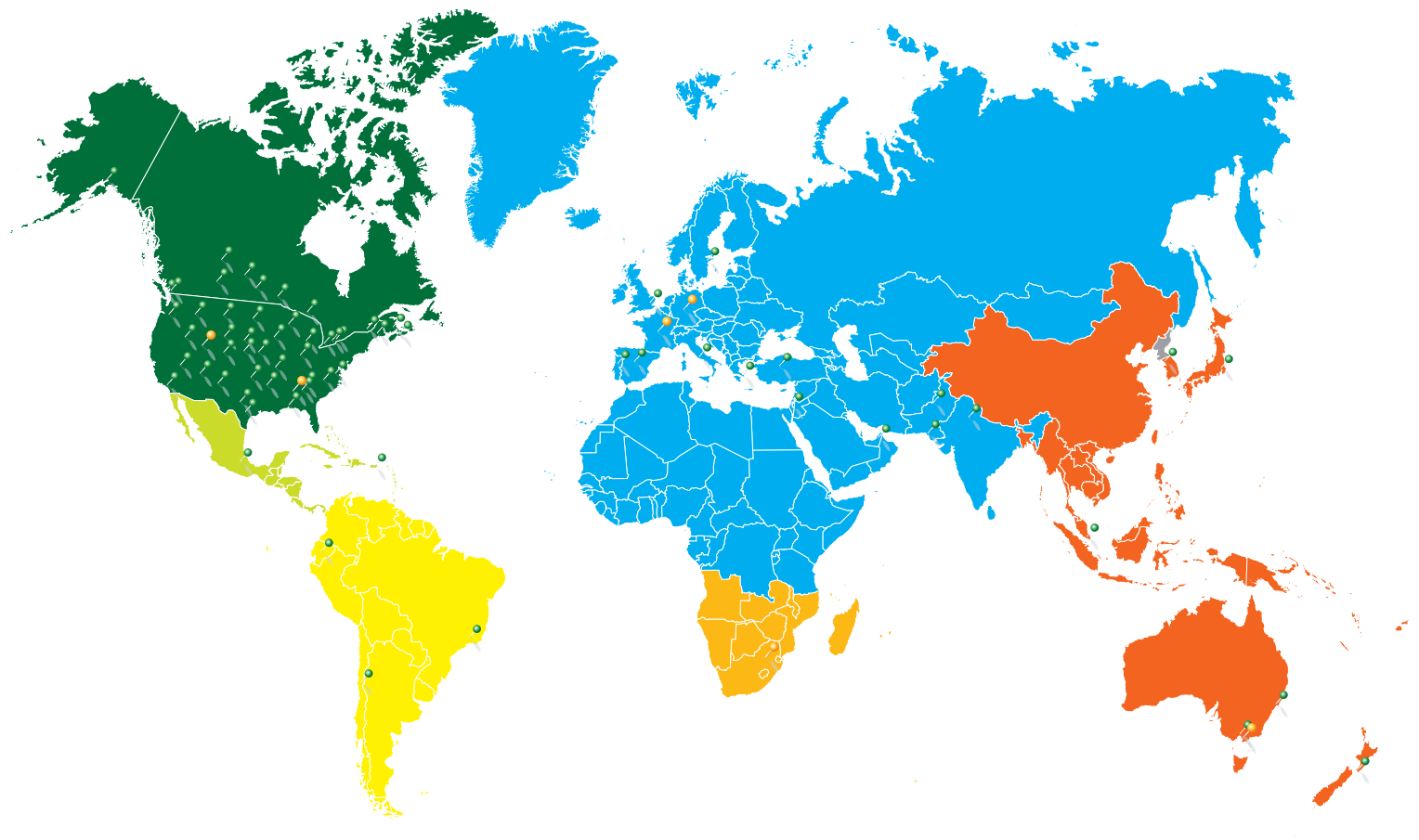
As the cartridge removes dirt from the influent fuel there will be an increase in the differential pressure along with a decrease in flow rate. These changes are the result of flow restriction caused by dirt accumulation within the media. Cartridge changeout frequency will

depend on the volume of solid contaminants present. The FOW filters are designed and tested to EI1599 Specifications.



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