our SNR650 is the best flame ionization detector for measuring total hydrocarbon levels in the PPM range

10 REASONS WHY NOT ALL FIDS ARE THE SAME

1. INDUSTRIAL DESIGN SENSOR  many FIDs are actually modified versions of fragile, rack-mounted, laboratory instruments, which can’t withstand the rigors of industrial applications

2. SENSOR MOUNTS AT PROCESS most FIDs are rack mounted in control rooms but mounting at the sample point eliminates long & expensive heated sample lines resulting in fastest response time

3. NO SAMPLE PUMPS pumps handling hydrocarbon sample streams are prone to failure, best to use a sampling system without moving parts

4. FULLY HEATED SENSOR ASSEMBLY many FIDs only heat the flame cell, fully heating the entire sensor prevents condensation, so less maintenance & downtime due to clogging

5. HAS A LINEAR RESPONSE TO TOTAL HYDROCARBONS reliable, accurate response to total hydrocarbon levels is essential

6. THE SYSTEM INCLUDES ALARMS AND INTEGRATED RELAYS monitoring system should have alarm level & fault relays used to drive warning devices and actuate dampers or other process operation settings

7. READINGS ACCURATELY CONVERT TO WEIGHT STATEMENTS response needs to be accurate & predictable, so readings can be reliably converted into weight statements, then used to calculate emissions in pounds per hour

8. ACCESSIBLE FROM A REMOTE LOCATION if system is used in environmental monitoring to prove compliance with the law, it should have a digital output; streamlining the collection and integration of readings for reporting to the government

9. THE SYSTEM MUST MEET ALL FEDERAL AND STATE REQUIREMENTS

10. CALIBRATION AND MAINTENANCE REQUIREMENTS ARE LOW TO MEET DOWNTIME REGULATIONS exceeding regulated down-time limits, due to routine calibration and maintenance, can result in penalties

To learn more call 973.575.9114 or visit www.controlinstruments.com