# TCS ON POINT®

# DIFFERENTIAL PRESSURE

**TOTAL CONTROL SYSTEMS®**
*The Standard of Measurement*



## Ensure safe aircraft fueling with filter differential pressure monitoring and limit shutdown.

### AUTOMATIC DIFFERENTIAL PRESSURE MONITORING SYSTEM

» Monitor Pressure Before & After Filtration

» Correct Filter ΔP Based on Maximum Achievable Flow Rate

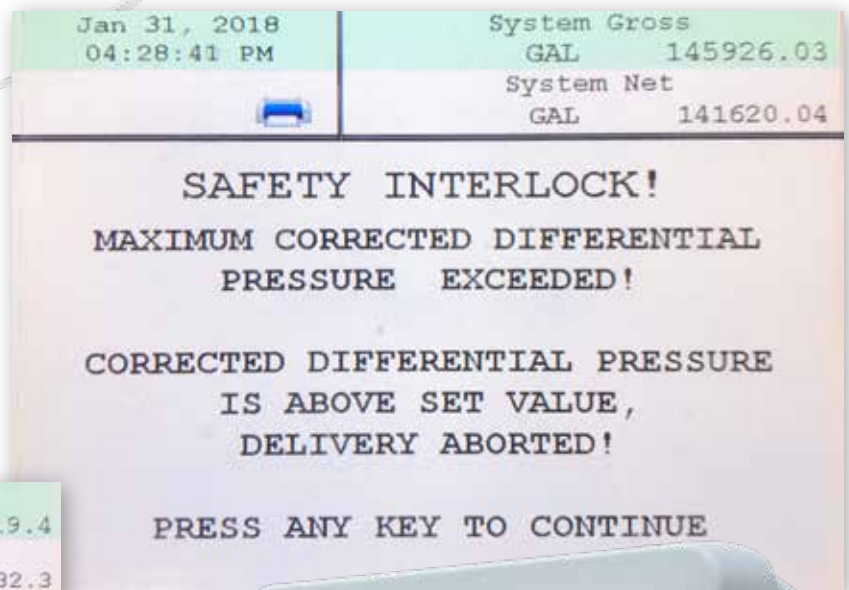» Automatic Shutdown if ΔP Exceeds Limits

### SENSOR INTEGRATION

» GTP 7534 Digital Gammon Gauge

» Analog Differential Pressure Sensors

» See cΔP Trending & Analytics Online via TCS HUB Host Manager to Closely Monitor Filter Changes Over Time

### TECHNOLOGY

» Voltage or 4-20 mA Current Input

» Pressure Range (Scalable)

» Limit Shutdown Setting (Scalable)

» Maximum Achievable Flow Rate Setting (Scalable)

» Limit Shutdown Password Lockout

The TCS 3000 Electronic Register automatically monitors corrected differential pressure and prevents deliveries when ΔP exceeds scalable limits.

Jan 31, 2018
04:28:41 PM

System Gross
GAL        145926.03
System Net
GAL        141620.04

SAFETY INTERLOCK!

MAXIMUM CORRECTED DIFFERENTIAL PRESSURE  EXCEEDED!

CORRECTED DIFFERENTIAL PRESSURE IS ABOVE SET VALUE, DELIVERY ABORTED!

PRESS ANY KEY TO CONTINUE

Feb 01, 2018
11:55:12 AM

System Gross
GAL        147319.4
System Net
GAL        143032.3

NET GAL                                   352.2

JET W/                    Gross

347.5

Volume Corrected to 60 deg F

| CORR.DP PSI | 8.4 | H2O ppm | 7.9 |
| PEAK.CDP PSI | 11.9 | MAX.H2O ppm | 19.8 |
| PK. FLOW GAL/min | 179.8 | AVG.H2O ppm | 11.8 |
| Density lbs/GAL | 6.8 | Mass lbs | 2395.0 |

Made in U.S.A

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