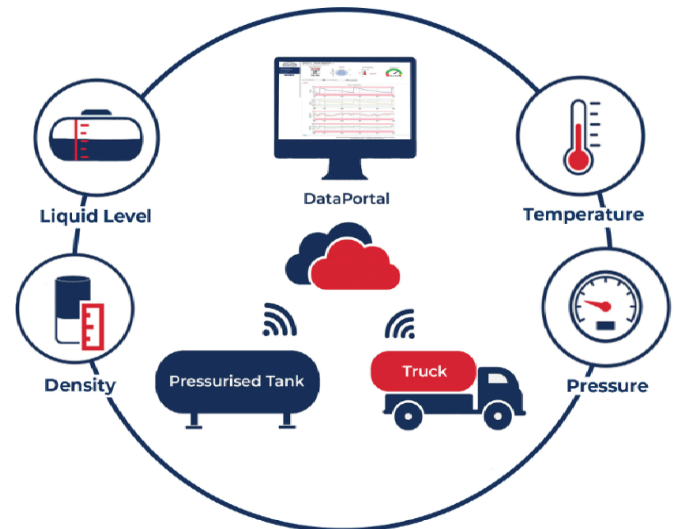


DENSICHECK TX

DENSICHECK TX is a cost effective solution for monitoring liquid concentration & density in a wide variety of applications. An in-line sensor and integral transmitter, the DENSICHECK TX provides a continuous output of concentration to enable processes to be automated and optimised.

Heavy Duty Hazardous Area Certified Simple to Install



FEATURES

- Non-invasive and invasive process connections.
- Unrivalled accuracy and repeatability.
- ATEX/IECEX approvals.
- No moving parts.

APPLICATION AREA

Industrial Processes

- Acids.
- Chlorides.
- Sodium Hydroxide.
- Acetone.
- Isopropyl Alcohol (IPA).

Food & Beverage

- Beer.
- Wort.
- Ethanol (Alcohol).
- Sucrose.
- Soft Drinks.

Manufacturing

- Glycol.
- Hydrogen Peroxide.
- Ammonium Hydroxide.
- Methanol.

BENEFITS

- High Reliability.
- Increased Process Efficiency.
- Improved quality process monitoring.
- Rapid payback of investment.



DENSICHECK TX

GENERAL SPECIFICATION

Rating:	IP65
Accuracy:	Typically +/- 0.1% (Product Dependant)
Repeatability:	+/- 0.01 m/s, +/- 0.02°C
Response Time:	< 1 Second
Update:	Every 2 Seconds
Stability:	No drift
Calibrations:	Two
Supply:	24Vdc, 250mA
Outputs:	0.5V or 4..20mA (Active, non isolated) Two digital for hi/lo alarm open collector
Input:	Digital input for no-flow indication or product selection
Electric Approval:	⊕ II 2G Ex d IIB T5 Gb (-20°C ≤ Ta ≤ 60°C) Cert No (s). Baseefa13ATEX0047
Serial Communications:	RS485, Modbus RTU/ ASCII CCOM2
Dimensions:	330x140x175mm (12.9"x5.5"x6.9") Excluding Glands

ULTRASONIC TRANSDUCER

Rating:	⊕ II 2G Ex d IIB T5 Gb (-20°C ≤ Ta ≤ 60°C) Cert No (s). Baseefa03ATEX0087X
Standard and ATEX Product:	-20°C to +60°C, -4°F to 140°F
Remote Electronics:	-10°C to +110°C (continous) (14°F to 230°F) 150°C (5 min intermittently) (320°F)
Standard Process Connections:	Non-invasive strap on / min.dia 50mm(2") Varivent- Probe Depth 63mm Tri-clamp- Probe Depth 81mm Flanged- Probe Depth 63mm