

# LIQUID LEVEL SENSORS FOR CHALLENGING APPLICATIONS

- ✓ OEM
- ✓ CUSTOM
- ✓ QUICK TURN CAPABILITY



	Capacitive	Float Arm	GWR	Reed Switch	Spiral Gauge
Axle Oil	✓		✓		
Coolant	✓	✓	✓		
Deionized Water	✓	✓	✓		
Fuels	✓	✓	✓	✓	✓
Engine Oil	✓				
Hydraulic Oil	✓	✓	✓	✓	✓
Water in Fuel	✓				

# Measurement for LPG & NH3 Applications



**NEW**

BLE Dial



**NEW**

PulseWave BLE Radar



**NEW**

6230  
SureSense Cap

## WIRELESS REMOTE MONITORING

Bobtails, Transports, Bulk Storage Tanks

**Function:** Remote transmission and reading of liquid levels

**Features:** Analog/Digital Outputs, Weatherproof, Snap-fit



Gen 4 Dial



TEK 822 LPG Cellular  
Exi Monitor



**NEW**

9704 / 9705

## WIRED REMOTE MONITORING

Transports, Bulk Storage Tanks, Bobtails, DOT/ASME Cylinders, Motor Fuel / RV, Accumulators

**Function:** Continuous reading of liquid levels

**Features:** Non-contact, Remote read, Hall Effect, Analog/Digital Outputs, Weatherproof, Snap-fit

## MECHANICAL FLOAT ARM

DOT/ASME Cylinders, Rotogauge Replacement, Fork Lift, Bobtails, Transport, Bulk Storage Tanks, Motor Fuel / RV, Fork Lift Cylinders, Accumulators, Options for DME

**Function:** Low-cost reading of liquid levels

**Features:** Corrosion and humidity resistant, Reliable, Approvals available



6200



6244-04



M6300LP



P6293



7384

## SPECIAL APPLICATIONS

Pipelines, 20 / 30 lb Cylinders, NH3 Service

**Function:** Flow, OPD, Gauging farm tanks

**Features:** T-mounted (6286), Shows liquid level (OPD), SS for high corrosion resistance (6286, A6400)



OPD



6286



A6200 / A6400



Reed Switch



9830

## FUEL

Diesel, Gasoline

**Function:** Continuous reading of level

**Features:** Corrosion Resistant/Integrated Feed & Return



S286



T/LL 400

## ENGINE OIL

High temperature operation

**Function:** Switch/Continuous Reading

**Features:** Small Footprint/High Temp



S285



9402

## COOLANT

Engine and battery

**Function:** Switch/Continuous Reading

**Features:** IP67 Ingress/High Resolution



8600



S284

## OIL

Hydraulic

**Function:** Display/Switch

**Features:** Fractional Dial/Compact



2100

## WATER-IN-FUEL

Diesel, Gasoline, Bio-Fuels

**Function:** H2O Detection/Continuous Reading

**Features:** Low Power/ Various Media



S281

## ELECTRIC VEHICLE

Low conductive coolant, deionized water

**Function:** Switch

**Features:** Delay for alarm in case of turbulence





## Manufacturing Capabilities

- Assembly
- Integrated Surface Mount and Wave Solder
- Selective Solder
- Electrical and Mechanical Product Calibration
- Specialized Metal Working
- Vacuum Leak Testing
- High Pressure Leak Testing
- Cleaning for Cryogenic Applications
- NC Wire Bending / Forming
- Ultrasonic & Spin Welding
- TIG, Plasma & Resistance Welding
- CNC Machining
- Stamping
- Brazing
- Soldering
- Laser Etching
- Overmolding

## Research, Development & Engineering Capabilities

- 3D modeling, Stress Strain, Vibration, Fatigue, Thermal, Mold Flow and RF/Electromagnetic Simulation —SolidWorks, AutoDesk Inventor, AutoCAD
- Schematic Capture, Simulation and PCB Layout —Proteus Design Suite
- Customization and Application Configuration
- Prototyping — 3D printing, 5-axis CNC machining, Stamping, Milling, Welding, Soldering, Brazing, PCB fabrication, Through hole and SMT assembly
- Testing — EMI, UV, Thermal shock & cycle, Vibration, Shock, Pressure, Vacuum, Electrical, Functional life cycle, HALT, IPX6K/IPX9K, IK (impact), Salt fog/spray, and Chemical compatibility

## Certifications

Rochester Sensor Quality Certificates:

- ISO 9001:2015
- ISO/IEC 80079-34:2018 (i.e. Atex)
- ISO 14001: 2015
- IATF 16949:2016
- Ireland: ISO/IEC 27002 Information Security, ATEX & IECeX, RoHs, PTCRB (AT&T) & Verizon approvals. FCC, RED, CE approvals

Please check our website for Manufacturing site specific details:  
[rochestersensors.com/rochester-sensors-quality-policy-statement/](http://rochestersensors.com/rochester-sensors-quality-policy-statement/)

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