

TS011

Advanced Matrix Film TwinSite™ for Remote LP Gas Monitoring



[METRIC]

Junior® Snap-On Mount

General Specifications

- Operating Temperature** - -40°F to 158°F, -40C to 70C
- Power Rating** - 0.5 Watt or peak current of 200mA over a temperature range of -40C to 70C
- Accuracy** - $\pm 5\%$ for all types
- Hysteresis** - Less than 5% typical, not vibrated
- Repeatability** - $\pm 2\%$
- Voltage Range** - System voltages of 12 & 24 VDC
- Resolution** - Infinite
- Resistance Change With Temperature** - 0° to $\pm 100^\circ$ PPM/C
- Vibration** - Tested for mobile applications

Materials Of Construction

- Crystal and Case** - Polycarbonate, ultrasonically sealed. Other materials available.
- Pointer** - Acetal
- Magnet** - Alnico
- Contact and Contact Spring** - Proprietary multi-fingered construction
- Resistance Element** - Proprietary advanced matrix film
- Dial** - Painted aluminum
- Connector Options** - Packard, 250 male tabs, Sure Seal Deutsch & marine bullet



**ROCHESTER
GAUGES, INC.**

(972) 241-2161 • FAX (972) 620-1403
11616 Harry Hines Blvd. • P.O. Box 29242 • Dallas, TX 75229
www.rochestergauges.com • info@rochestergauges.com

The Measure of Excellence

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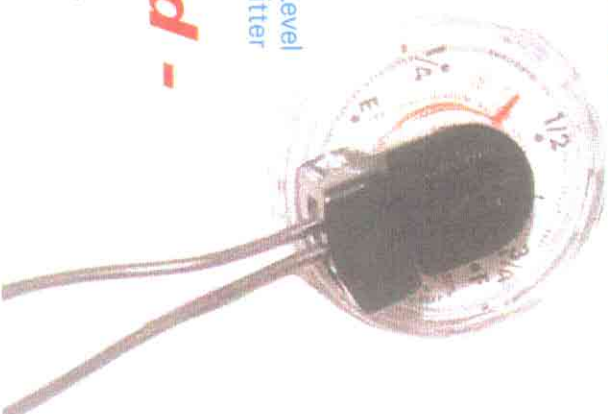


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TwinSite™

Liquid Level
Transmitter

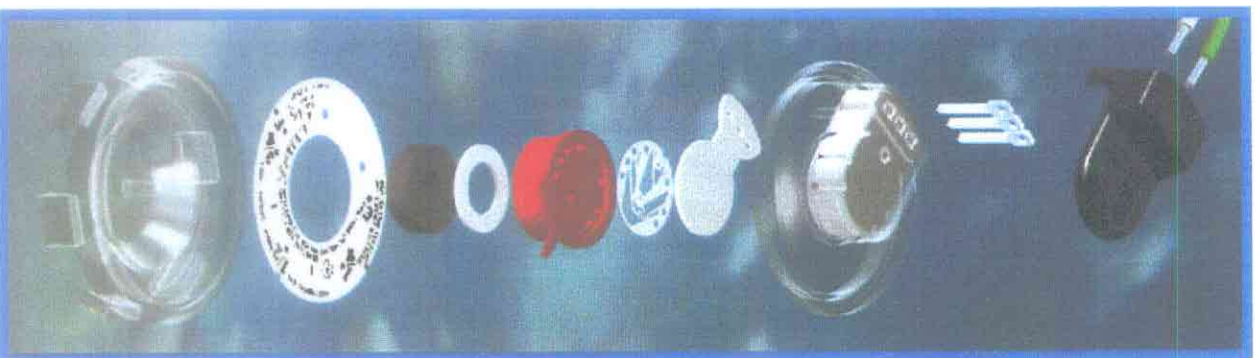


Advanced - Quality Performance Reliability

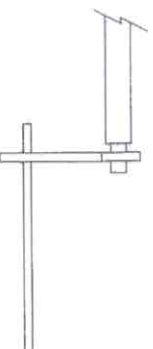
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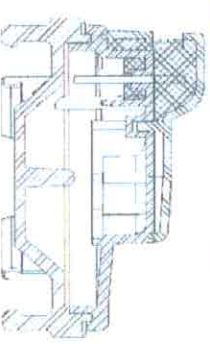


Enhanced Electrical Circuit



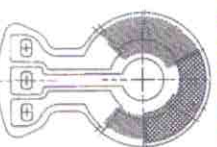
- Dedicated ground path
- Terminal wire leads
- Silver soldered connections

Environmental Sealing Chamber



- Sonic welded case and multiple epoxy chambers
- Eliminates concerns of dust, water, humidity and electrolytic corrosion

AMF Variable Resistance Element



- Profiled to shape of tank
- Laser trimmed for precision
- Lowest noise to signal ratio
- Extended wear characteristics

Magnetically Driven Pointer and Electrical Contacts



- Highest grade Alnico magnet
- reduces hysteresis
- Multi-fingered electrical contacts
- enhanced electrical signal



U.S. & Foreign Patents Pending

TwinSite[®]
Liquid Level Transmitter