Safety Begins...
with DELTA M over/fill protection for railcars, tank trucks and liquid transport vessels around the world. It's an easy-to-use, ruggedly constructed Tank Loading Probe. Operators quickly adjust the length to their specific fill height with its fast-locking clamp. Filling operations use it in the widest variety of materials and temperatures, in hazardous areas and corrosive environments.

Make Delta M your partner in safe and efficient liquid transfer!
Specifications

Three models to choose from:

microtuf® II, microtuf® & VERSA-SWITCH®

» All welded sensor construction - rugged and durable
» Easily adjusted probe measurement height
» Unaffected by most coatings, or by fogging!
» Wide variety of sensor alloys
» Ceramic and PTFE coatings available
» Fast response time in a wide range of processes

Electronics

Input Power:
Standard 110VAC Optionally 220VAC, or 24VDC at 3 watts
Self-heating sensor design

Operating Temperature Range:
-40° to 140° F (-40° to 60° C)

Self-Test:
Integral and automatic during power up

Outputs:
5 amp, 250 VAC rated DPDT relay with fail safe
Secondary SPDT relay with fail safe (VERSA-SWITCH®)
Time delay 0 to 300 second (VERSA-SWITCH®)

Instrument

Operating Range:
Available with insertion lengths from 12 to 96 inches

Response Time:
Excellent sensor response time dependent on media

Stability:
Less than 0.5% drift from setpoint over a range of ±50° F
Temperature compensated through entire range

Repeatability:
±1% of setpoint

Available Approvals:
CE, CSA, CENELEC
Class 1 Div. 1 Groups B, C, & D

Enclosure:
EX proof; CSA, FM, UL, CENELEC, ATEX and IECEx;
NEMA 3, 4X, 7, and 9;

Sensor

Type:
Thermal Differential, Dual Platinum RTD Sensors

Process Connection:
Simple, quick latching clamp

Insertion Length:
Standard 32.0 inch
12 inch to 96 inches available

Operating Temperature Range:
Standard -100°F to 390°F (-70°C to 200°C)
Optional:
Medium Temperature to 572°F (300°C)
High Temperature to 850°F (458°C)

Materials of Construction:
Standard 316L Series Stainless Steel
Optional: Hastelloy, Monel, Inconel & non-standard alloys
Ceramic and PTFE coatings available

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