

Monitoring Well Sensors

Hydrocarbon Vapor

The Hydrocarbon Vapor Sensor is installed in dry monitoring wells. It detects the presences of hydrocarbon vapors. Hydrocarbon vapors are heavier than air and will settle to the lowest point. Therefore, these sensors must be installed close to the bottom of the monitoring well.



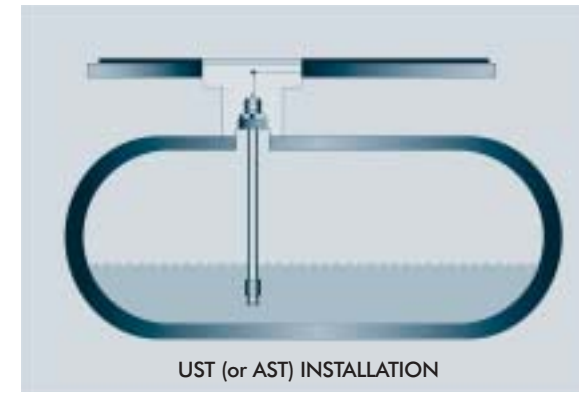
Part Number: Q0003-010
 Used In: Dry Monitoring Wells
 Detects: Hydrocarbon Vapors
 Operating Temp: -13° to 158°F (-20° to 70°C)
 Interface Types: Q439970 - 6 Channel Input



High/Low Liquid Level Sensors

Low Level

The Low Level Liquid Sensor provides low cost inventory management for both above-ground (AST) and underground (UST) storage tanks. This sensor creates the simplest form of inventory management by indicating a low liquid level.



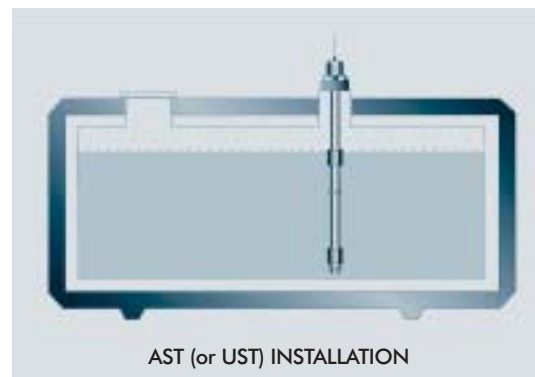
Part Number: Q0003-014
 Used In: ASTs, USTs
 Detects: Liquid Level
 Operating Temp: -40° to 180°F (-40° to 82°C)
 Interface Types: Q439970 - 6 Channel Input



High/Low Liquid Level Sensors

High/Low Level

The High/Low Level Liquid Sensor provides low cost inventory management for both above-ground (AST) and underground (UST) storage tanks. This sensor has a contact closure to the system which indicates that the liquid level has reached a high or low point - dependent on the positioning of the floats on the sensor.



Part Number: Q0003-011 • Up to 5' (1.5 meters) Length,
 Q0003-012 • 5' to 10' (1.5 to 3.0 meters) Length
 Used In: ASTs, USTs
 Detects: Liquid Level
 Operating Temp: -40° to 180°F (-40° to 82°C)
 Interface Types: Q439970 - 6 Channel Input



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EECO Sensors

Interstitial

Dispenser Pan / Sump

Monitoring Well

High / Low Liquid Level

EECO Sensors

EECO sensors provide protection by monitoring the environment in and around the tank, interfacing directly to the EECO systems through a single sensor interface that accommodates all sensor types and locations including: Tank Interstitial Spaces, Piping Sumps, Containment Sumps, Dispenser Sumps/Pans, and Monitoring Wells.

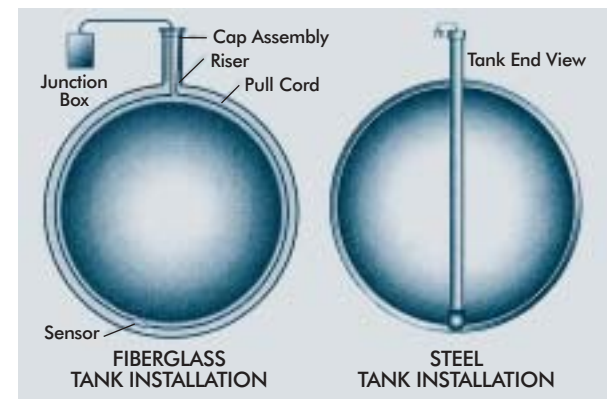
The EECO discriminating sensors detect the presence of liquid in contained areas, and provide alarms indicating if the fluid detected is water or fuel.

The EECO non-discriminating sensors detect the presence of either water or fuel in contained areas and provide an alarm indicating the the presence of a liquid.

Interstitial Sensors

Liquid Only

The Liquid Only Interstitial Sensor is easily installed to monitor the dry interstitial space of double-wall fiberglass or steel tanks. It detects the presence of liquids, but does not discriminate between fuel and other liquids.



Part Number: Q0003-006
 Primary Use: Double-wall Tanks (Fiberglass & Steel)
 Alternate Use: Sumps
 Detects: Liquids Only
 Operating Temp: -4° to 176°F (-20° to 80°C)
 Interface Types: Q439970 - 6 Channel Input

Interstitial Sensors

Dual Level Hydrostatic

The Dual Level Hydrostatic Sensor is installed in the interstitial space reservoir of double-wall fiberglass tanks. It detects changes in the liquid brine level between the walls of the tank. Allowances are made for temperature changes to prevent the occurrence of false alarms.



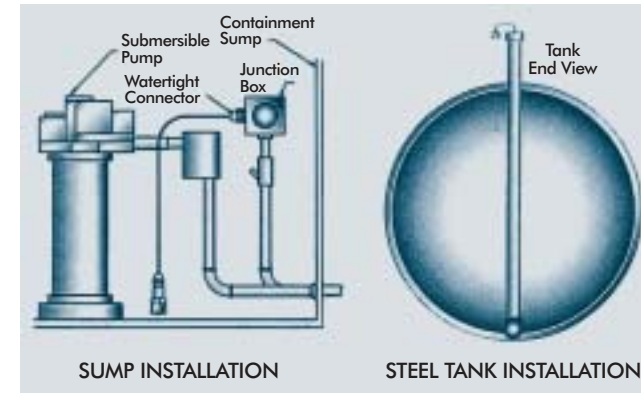
Part Number: Q0003-005
 Used In: Double Wall Tanks with Brine Solution
 Detects: Liquid Level Change
 Operating Temp: -40° to 140°F (-40° to 60°C)
 Interface Types: Q439970 - 6 Channel Input



Interstitial & Dispenser Pan/Sump Sensors

Liquid Float

The Liquid Float Sensor is installed in sumps and the interstitial space of double-wall steel tanks. It detects the presence of liquids, but does not discriminate between fuel and other liquids.



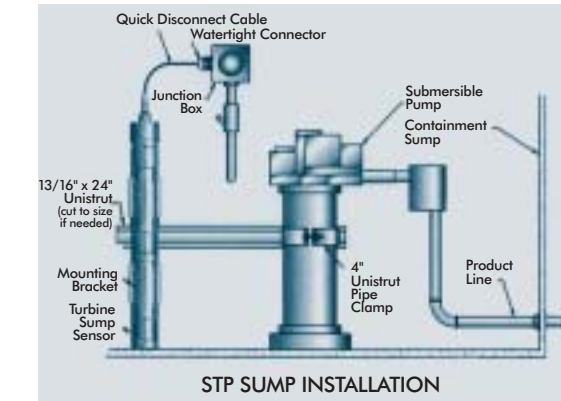
Part Number: Q0003-009
 Used In: Sumps & Double-wall Steel Tanks
 Detects: Liquids Only
 Operating Temp: -40° to 180°F (-40° to 82°C)
 Interface Types: Q439970 - 6 Channel Input



Dispenser Pan/Sump Sensors

Fuel/Water STP Sump

The discriminating Sump Sensor detects low and high liquid levels and distinguishes between water and fuel. Detection of liquid in the sump will result in an alarm notification at the console. Detection of either fuel or high water can be used for pump shut down (requires optional multi-relay board or LLD module).



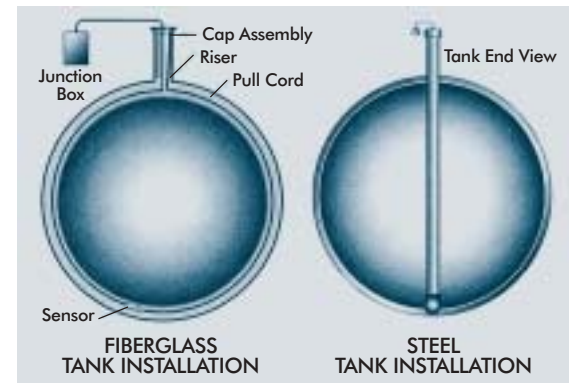
Part Number: Q0003-002
 Used In: STP Sumps
 Detects: Liquids, Low & High Level
 Differentiates: Fuel vs. Water
 Product Detection: 2/10" fuel only, 1/10" fuel on water
 Operating Temp: -40° to 150°F (-40° to 65°C)
 Interface Types: Q439970 - 6 Channel Input



Interstitial Sensors

Fuel/Water

The discriminating Fuel/Water Interstitial Sensor is installed in the interstitial space of either fiberglass or steel double-wall tanks to detect the presence of fuel or water.



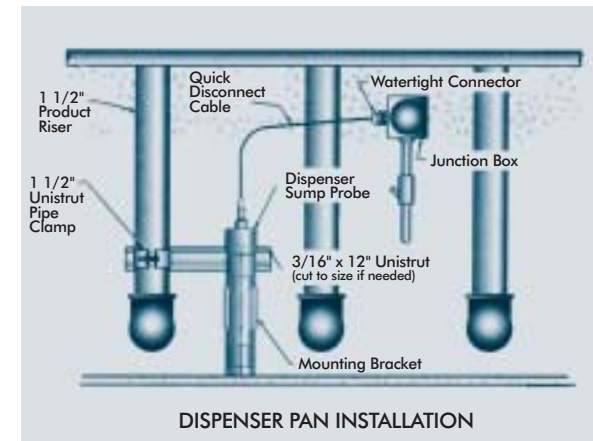
Part Number: Q0003-003
 Primary Use: Double-wall Tanks (Fiberglass & Steel)
 Alternate Use: Sumps
 Detects: Liquids
 Differentiates: Fuel vs. Water
 Operating Temp: -4° to 176°F (-20° to 80°C)
 Interface Types: Q439970 - 6 Channel Input



Dispenser Pan/Sump Sensors

Fuel/Water Dispenser Pan

The discriminating Fuel/Water Dispenser Pan Sensor detects low and high liquid levels and distinguishes between water and fuel. Detection of liquid in the dispenser pan will result in an alarm notification at the console. Detection of either fuel or high water can be used for dispenser power shut down (requires optional dispenser power control module or multi-relay board).



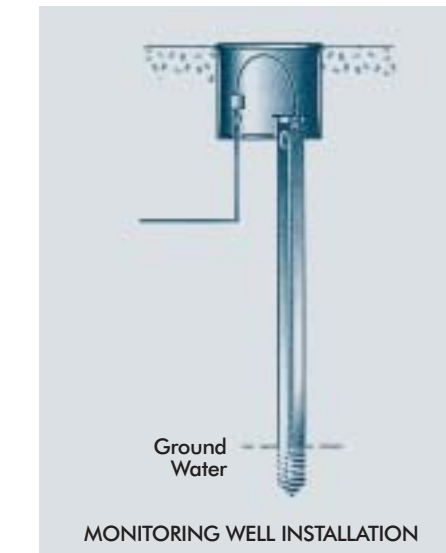
Part Number: Q0003-001
 Used In: Dispenser Pans
 Detects: Liquids, Low & High Level
 Differentiates: Fuel vs. Water
 Product Detection: 2/10" fuel only, 1/10" fuel on water
 Operating Temp: -40° to 150°F (-40° to 65°C)
 Interface Types: Q439970 - 6 Channel Input



Monitoring Well Sensors

Fuel/Water

The discriminating Fuel/Water Monitoring Well Sensor is installed in groundwater monitoring wells to detect fuel floating on the water surface. If the groundwater level drops below the sensor (not suitable for dry wells), it will activate an alarm indicating a dry well.



Part Number: Q0003-xx4
 Used In: Wells (Water Table Present)
 Detects: Fuel on Water Surface
 Differentiates: Fuel vs. Water
 Product Detection: As Little as 1/10" of Product
 Operating Temp: -20° to 150°F (-28° to 65°C)
 Interface Types: Q439970 - 6 Channel Input

