

FMP 40 Level Measurement of Heptane and Ethyl Acetate- Pharma.

Levelflex M FMP40 outperforms a differential pressure system with chemical seals



Stainless steel tanks



Levelflex M with SS housing



Pharmaceutical product

The Levelflex M FMP40 provides level measurement in Heptane and Ethyl Acetate storage tanks

Customer profile

A large producer of pharmaceuticals and biologics in New York.

Application description

Product:	Heptane (dc 1.9) and Ethyl Acetate (dc 6.4)
Process Temp:	Ambient
Tank:	15 ft height
Pressure:	0.44 psi nitrogen blanket
Mounting:	Special dp tank weld spud

Application challenge

The customer used differential pressure transmitters with chemical seals. Changes in density and product temperatures affected the measurement to a point where the tanks would either overflow or cause cavitation, resulting in destruction of expensive pumping equipment.

The customer needed accurate measurements to protect the tank from over filling and pumps running dry, plus protection from loss of product and down time.

Application solution

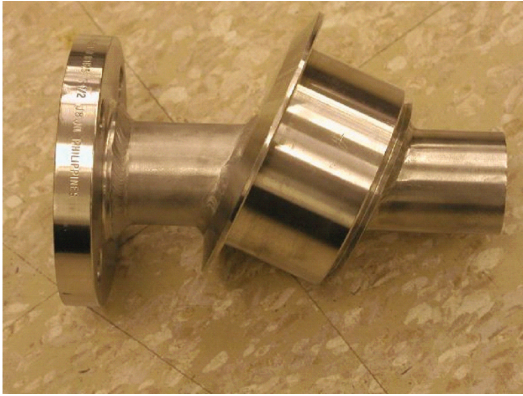
The measurement with the Levelflex M FMP40 showed good results even with changing densities and temperatures. Since installation in January of 2006, the customer has not had a single spill or pump shut down.

This satisfied customer has adapted their process connections for retrofits of storage tanks for more FMP 40's thanks to the reliability of the Levelflex M (see back page).

Instrument description

The Levelflex M is a top mounted compact level transmitter that transmits micro impulse radar signals on a rod or cable. The pulses are reflected by the product surface, received by the electronics, evaluated and converted into level information.

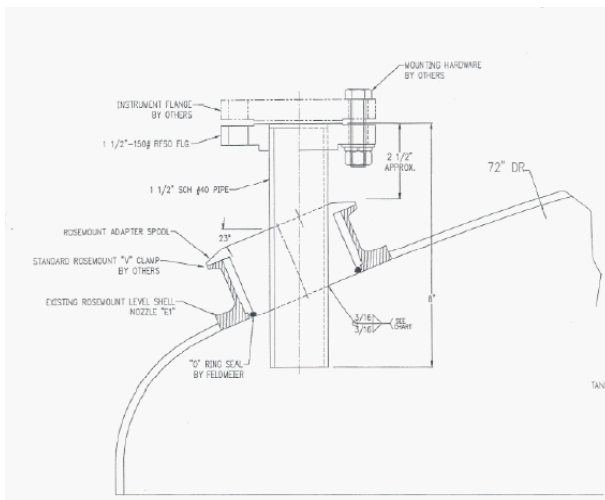
For more information, contact
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317-535-7138
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Levelflex with detached probe and special designed dp tank spud



FMP 40's with modified mounting, ready for probe connection and tank installation



Tank connection drawing

ISO 9001:2000 Certified

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