



Level



Pressure



Flow



Temperature



Liquid
Analysis



Registration



Systems
Components



Services



Solutions

Micropilot M FMR245 in Radar Level Measurement- Food

Micropilot M FMR245 radar level measurement in beer and beverage producer



Brewery tanks



Micropilot M FMR245 Tri-clamp



Glass of beer

Micropilot M FMR245 in radar level measurement in beer and beverage producer.

Company profile

Beer and beverage producer in North Carolina. The customer sells twelve different craft beers under their name. They also co-packer produce malt beverages, distilled spirits and energy drinks. The beverage producer has the capacity to produce 35 million cases annually. All products are sold and distributed in five mid-atlantic states.

Previous instrument

The customer was using a competitor's mag meter and rod style radar level transmitters which needed repaired or replaced often. The customer also wanted a solution that could measure the amount of alcohol being offloaded from the tanker trucks to verify the supplier's load.

Solution

Endress+Hauser service was utilized in the plant to commission and service our instruments as well as the competitor's.

Endress+Hauser recommended the Micropilot M FMR245 with a sanitary Tri-clamp process connection

Instrument description

The Micropilot M is used for continuous, non-contact level measurement of liquids, pastes, and slurries. The measurement is not affected by changing media, temperature changes, gas blankets or vapors. The FMR245 is corrosive resistant and easy to clean. The instrument deals with temperatures up to +300°F (150°C), has a max measuring range of 67 ft (20m) and is a real cost effective solution.

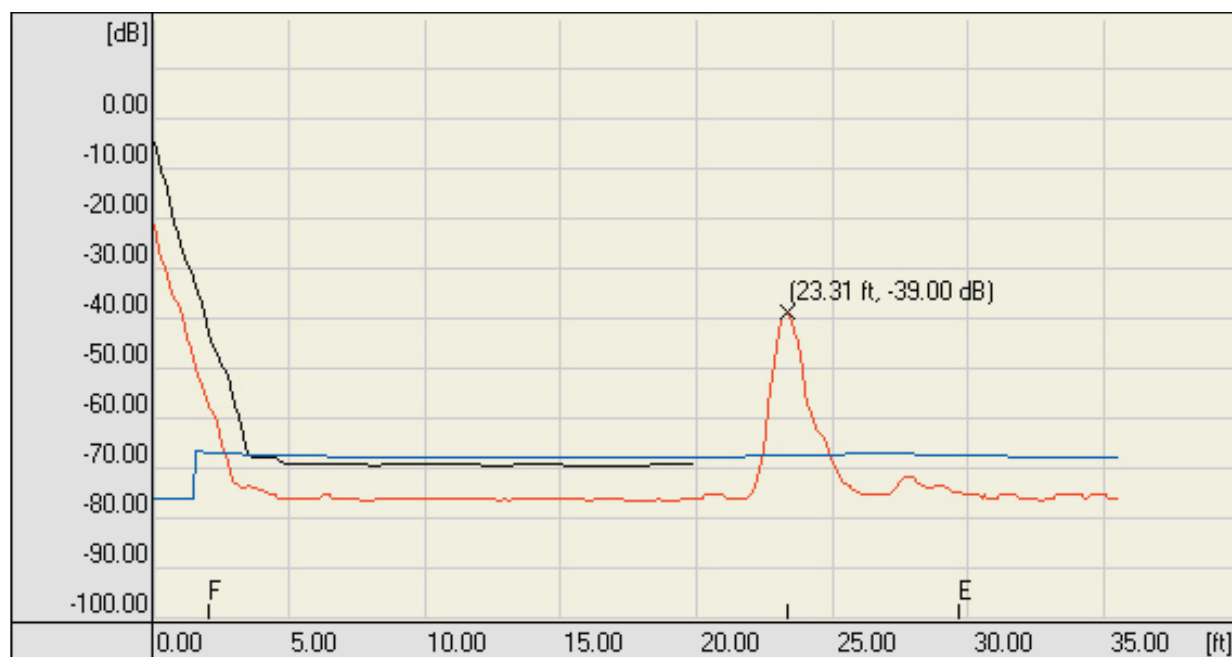
The flush diaphragm on the FMR245, combined with the narrow beam angle, makes this a much better choice. It works accurately over the 40 ft range of the tank even with an agitator.

Result

Endress+Hauser's service capability to work on other manufacturer's equipment in a professional and honest way brings more service and sales opportunities for our products.

The Endress+Hauser product not only worked better than the competitor's product, but allowed the customer to expand in the capabilities of their facility. The increased reliability of the inventory saves the plant money by verifying deliveries and better management of their inventory.

For more information, contact
Endress+Hauser, Inc.
317-535-7138
www.us.endress.com



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USA

Endress+Hauser, Inc.
2350 Endress Place
Greenwood, IN 46143
Tel. 317-535-7138
Sales 888-ENDRESS
Service 800-642-8737
Fax 317-535-8498
inquiry@us.endress.com
www.us.endress.com

Canada

Endress+Hauser, Canada
1075 Sutton Drive
Burlington, ON L7L 5Z8
Tel. 905-681-9292
800-668-3199
Fax 905-681-9444
info@ca.endress.com
www.ca.endress.com

Mexico

Endress+Hauser México, S.A. de C.V.
Fernando Montes de Oca 21 Edificio A Piso 3
Fracc. Industrial San Nicolás
54030. Tlalnepantla de Baz
Estado de México
México
Tel. +52 55 5321 2080
Fax +52 55 5321 2099
eh.mexico@mx.endress.com
www.mx.endress