

Guided radar revolutionises interface measurement

The German branch of Endress+Hauser reports that the company is gradually implementing a new concept based on two-wire technology for measuring the parameters of flow and level. The new Levelflex FMP55 level probe is according to the Switzerland-based equipment manufacturer the first multi-parameter transmitter for interface measurement in the world. The distinctive feature of the device is that it combines two measuring principles: guided radar and capacitance.

This device thus combines all of the advantages of the two previous measuring systems. The result is an exceptional degree of reliability in recording measured values for the interfaces which often occur in chemical and petrochemical processes. The device itself decides which measuring principle to use - guided radar for clear interfaces or capacitance where emulsion layers occur - without the need for additional settings by the operator.

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