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New Radar Transmitter

Introducing the NivuFlow 550 NIVUS present an easy-to-operate flow metering transmitter

The new transmitter in combination with a radar sensor enables contactless flow measurement in open channels and part filled pipes. To accurately detect and to compute flow rates NIVUS have developed new dynamic hydraulic models. These models have been created for the widest range of canal shapes based on alternating filling levels.

Upon request the system is also available for use in Ex zone 1.

The compact transmitter design permits easy and space-saving installation in control cabinets using DIN rails. A weatherproof cover for outdoor use is available even in IP 68.

The graphic display and the intuitive operating concept of the NivuFlow 550 allow quick and easy commissioning of the flow measurement system. Thanks to extended diagnostic options running processes can be analysed professionally directly on site. Furthermore the unit provides remote maintenance options via Internet.

Flow metering using the radar sensor is suitable mainly for applications featuring aggressive or abrasive media. Moreover the radar measurement system is ideal for applications with sedimentation since the radar sensor is fastened outside of or above the medium. Furthermore NivuFlow 550 stands out for the use even in applications with shooting discharge and low flow levels.

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The NIVUS group is a leading developer, manufacturer and supplier of measurement instruments for water industry. For 50 years the company has been pointing the way ahead in measurement technology, continuously developing new products and practice-oriented solutions. Based in Eppingen, Germany, NIVUS operate seven international subsidiaries and co-operate with more than 40 distributors all over the world.

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