**KROHNE at ACHEMA: Innovations in industrial process measurement**

* On Booth A13 in hall 11.1, KROHNE presents a wide range of Products, Solutions and Services for the process industries
* Products: new series of TDR level transmitters, complete Coriolis portfolio with highest capacity mass meters on the market
* Measurement Solutions: PROFINET joint demonstration model to demonstrate possibilities of industrial Ethernet; turnkey system solutions for (custody transfer) metering
* Services: engineering and project management services for instrumentation projects, new eLearning course on process efficiency
* Industry visualisations show virtual industries with typical applications
* Two presentations in congress programme on “High accuracy flow measurement for single use processes” and “Miniaturized flame ionization detector for the use as a field device”

**Text:**

Duisburg, April 23, 2018: At ACHEMA 2018, KROHNE will be presenting innovations for the process industries. Visitors are welcome on booth A13 in hall 11.1 to learn about current and future developments in industrial process measurement.

The Products section showcases several innovations and highlights within a complete portfolio for flow, level, pressure and temperature measurement as well as process analytics: KROHNE introduces the re-newed OPTIFLEX range of TDR level transmitters. Just like the OPTIWAVE portfolio of 6…80 GHz radar level transmitters was re-newed in 2017, the TDR series comprises six devices, each specifically designed for a certain area of application. The OPTIMASS portfolio of mass flowmeters has been supplemented with large line sizes up to DN400/ 16", representing the highest capacity Coriolis flowmeters on the market. KROHNE now offers a complete Coriolis portfolio for flowrates from 0.3 kg/h up to 4,600 t/h / 0.01 lb/min up to 169,021 lb/min. Proclaimed for 2018 are also innovations in Bluetooth connectivity for convenient device configuration, biogas measurement, and clamp-on flow measurement.

The Solutions section features several topics where KROHNE offers new integrated solutions, e.g. PROFINET industrial Ethernet communication. Currently available for all x400 OPTIMASS Coriolis flowmeters as well for all x300 OPTIFLUX electromagnetic flowmeters, PROFINET will subsequently be available for all converter platforms. To demonstrate the use and possibilities of PROFINET for ACHEMA visitors, KROHNE set up a joint demonstration model together with PhoenixContact and other industry partners. Next to communication, several other joint models show the scope of KROHNE as a supplier of complete system solutions, e.g. turnkey metering skids for hydrocarbons or tanker loading systems. Further innovations on the rise for 2018 include enhanced systems for wet gas measurement and leak detection and localisation on pipelines.

Services that meet the demand for engineered solutions and project management in instrumentation projects are also presented on the booth, e.g. from commissioning up to metrological accreditation of custody transfer applications according to MID MI-005. The exhibition is rounded off by calibration and in-situ device verification services and free eLearning offerings for the process industry, including a new course on “Driving process efficiency through measurement technology”.

ACHEMA visitors can also explore the new Industry Visualisations to discover possibilities or alternatives to monitor their processes: they can navigate through virtual industries and find typical applications together with matching instrumentation solutions and examples of use.

In addition to the booth, visitors may attend the ACHEMA congress programme where two KROHNE scientific papers have been accepted for presentation:

* Wednesday, June 13, 16:20h - 16:40h: "High accuracy flow measurement for single use processes" held by Dr Christine Perfetti in the session "Bioprocessing: Speed, flexibility, disposables - Novel bioprocess technologies".
* Friday, June 15, 10:30h - 11:00h: “A Miniaturized Flame Ionization Detector with Integrated Gas Supply for the Use as a True Field Device” held by Dr Jan Förster in the session “Process analytical technology - Novel applications”.

About KROHNE: KROHNE is a full-service provider for process measuring technology for the measurement of flow, mass flow, level, pressure and temperature as well as analytical tasks. Founded in 1921 and headquartered in Duisburg, Germany, the company employs over 3,700 people all over the world and is present on all continents. KROHNE stands for innovation and maximum product quality and is one of the market leaders in industrial process measuring technology.

**Picture:**



**Caption:** At ACHEMA 2018, KROHNE will be presenting innovations for the process industries.

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