**OPTISONIC 3400 now approved as heat meter according to MI-004**

* Ultrasonic flowmeter approved according to MID 2014/32/EU Annex VI MI-004 in accuracy classes 1, 2 and 3
* For district heating, commercial and industrial heated water measurement
* High accuracy: three ultrasonic paths for diameters DN25…2000 / 1…80"
* No influence of scaling due to direct path configuration

**Text:**

Duisburg, August 3, 2016: The ultrasonic flowmeter OPTISONIC 3400 is now available with heat meter approval according to MID 2014/32/EU Annex VI MI-004 (and harmonized CEN EN1434, OIML R75) in accuracy classes 1, 2 and 3. Target applications include district heating networks, commercial and industrial heat metering applications as well as energy and utility applications in combined heat and electricity generation.

OPTISONIC 3400 is the only inline heat meter that provides high accuracy measurement of heated water with three ultrasonic paths throughout the whole diameter range DN25…2000 / 1…80". To ensure stated accuracy classes, each heat meter undergoes a 3 point factory calibration performed with water.

With its direct path configuration, OPTISONIC 3400 is not susceptible to (magnetite) scaling like meters that use reflectors. It offers bi-directional flow measurement and a fully welded construction without potential leak points. OPTISONIC 3400 also features enhanced diagnostic and status indications (according to NAMUR NE 107) and measurement of the velocity of sound to gain additional information about medium and process.

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 3,600 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:**

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**Caption:** OPTISONIC 3400 now approved as heat meter according to MI-004 (compact and remote versions)

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