

OPTISONIC V6 – The new Gasflowmeter

At INTERKAMA KROHNE presented the new generation of ultrasonic gas flowmeters for non-custody transfer applications. The OPTISONIC V6 sets new standards for accuracy and cost efficiency. The flowmeter has six measurement chords of which two are reserved exclusively for diagnostic functions. Once in operation, the OPTISONIC V6 continuously monitors its own operating status. The layout of the chords on each of the two parallel levels compensates for any turbulence and therefore guarantees reliable measurement results even with turbulent flow profiles. The diagnostic functions reliably detect any deposits, dirt or changes in surface roughness and thus reduce maintenance to the absolute minimum.

KROHNE was the first to separate the flow measurement from diagnostic data in an ultrasonic gas flowmeter used for non-custody-transfer applications. Two separate signal outputs transmit diagnostic data directly to the user and to the KROHNE Care™ Web server. The Web server has all the OPTISONIC V6 status information required. For the OPTISONIC V6, the user can receive information not only about the measuring instrument itself but also about the instrument's application conditions. The system is based on the "condition-based maintenance" design whereby maintenance is performed only when required by process conditions. KROHNE processes the information in a database and informs the user as soon as any intervention is required. KROHNE Care™ has a user-friendly graphic interface which is truly easy to use. The OPTISONIC V6 is available in standard widths from DN100 to DN600 and with an installation length of 3D. The flowmeter is compatible with most commercial protocols and can therefore be used with any type of existing infrastructure.

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