

KROHNE introduces its new IFC 100 signal converter for all OPTIFLUX magnetic flow sensors

An advanced economic solution for measuring electrically conductive liquids

KROHNE, Inc., a global technology leader in the development, manufacture and distribution of accurate, reliable and cost effective measurement instrumentation for the process industries, introduces its new IFC 100 signal converter. It is an advanced economic solution targeted at common applications in the water, food and chemical industries. The signal converter has a measuring accuracy of 0.3% and is suitable for use with KROHNE's complete range of OPTIFLUX series of electromagnetic flow sensors.

As successor of the popular IFC 010 signal converter, the IFC 100 offers an attractive price/performance ratio, including diagnostic capabilities not found in other basic converters. The diagnostic features have been field proven in the IFC 300, the previously introduced high-performance converter in KROHNE's OPTIFLUX family.

The IFC 100 offers precise diagnostics of instrument, installation and application. For example, the IFC 100 is able to measure electrode resistance for the indication of gas bubbles or solid particles and electrode noise for chemical resistance. Coil resistance is monitored to assess magnetic field quality and flowmeter temperature.

For maximum installation flexibility, the IFC 100 is available with the converter mounted directly on the flow tube as a compact meter in two versions: for horizontal installations a 45° angled display is designed for optimal viewing, while vertical pipe installations may be equipped with a flat mounted version. Alternatively, a wall or pipe mounted converter can be mounted separately from the flow tube.

Each version of the IFC 100 features a rugged metal enclosure, a large backlit display for excellent readability and a push-button soft-keypad for ease of operation, start-up and configuration. Each version can also easily be rotated in 90° increments, to suit a variety of applications and orientations. As with all KROHNE products, the IFC 100 is HART compatible and ships with PACTware at no extra cost. The IFC 100 also comes with multiple user-languages and is maintenance-free.

About KROHNE

KROHNE is a worldwide technological leader in the development, manufacture and distribution of accurate, reliable and cost-effective, measuring instruments for the process industries. KROHNE focuses on forming partnerships with its customers to provide them with the most reliable and innovative solutions available in the marketplace. For more information about KROHNE's complete line of measuring instrumentation for the process industries, contact KROHNE at 1-800-FLOWING (978-535-6060 in MA); fax: (978) 535-1720, email: info@KROHNE.com, or visit www.KROHNE.com

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