**PROFINET I/O option for electromagnetic flowmeters**

* Industrial Ethernet communication for OPTIFLUX, WATERFLUX and TIDALFLUX flowmeters
* Measuring, process and diagnostic information via a single communication channel
* Direct integration, reduced costs for wiring and connecting hardware
* Free whitepaper “Ethernet-Based PROFINET Integration of Field Instruments in the Water and Waste Water Industry”

**Text:**

Duisburg, December 7, 2017: As new Industrial Ethernet communication option, PROFINET I/O is now available for electromagnetic flowmeters with IFC 300 signal converter. This includes all compact and field versions of the OPTIFLUX x300 series (except OPTIFLUX 7000), WATERFLUX 3300 and TIDALFLUX 2300.

With PROFINET I/O, all measuring, process and diagnostic information from the meters is available real-time via a single communication channel, allowing for direct and convenient integration of new meters, direct identification of defective devices as well as bidirectional communication and parameter setting. Other advantages include reduced costs for wiring and connecting hardware since PROFINET uses standardised and homogenous Ethernet infrastructure from field devices to control room.

In collaboration with PHOENIX CONTACT, KROHNE has published the whitepaper “Ethernet-Based PROFINET Integration of Field Instruments in the Water and Waste Water Industry”. The free whitepaper explains the background of PROFINET and its benefits in more detail and shows different network topologies. It can be downloaded here: <https://krohne.link/2r-mn>

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 1:**



**Caption:** PROFINET I/O is now available for OPTIFLUX, WATERFLUX and TIDALFLUX electromagnetic flowmeters with IFC 300 signal converter

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