**OPTIWAVE 1400: new radar level transmitter for the water and wastewater industry**

* 24 GHz FMCW radar level transmitter for liquids in water and wastewater applications
* High accuracy, reliability and measurement stability at a competitive price
* Maintenance-free Drop antenna with small beam angle for sharp focus on the medium

**Text:**

Duisburg, July 10, 2019: KROHNE introduces the OPTIWAVE 1400 FMCW radar level transmitter for the water and wastewater industry. The new 24 GHz device offers the benefits associated with FMCW radar technology – high accuracy, reliability and measurement stability – at a competitive price.

OPTIWAVE 1400 aims at liquid level measurement applications in the water industry, for example in extraction, transport, storage and distribution of water from springs, rivers, lakes or the sea, as well as in rainwater basins. Typical applications in the wastewater industry include level measurement of wastewater, sludge or other liquids in storage applications or pumping stations. It can also be used for level measurement through plastic tanks (e.g. IBC), as well as open channel flow measurement, or floodwater alarm.

OPTIWAVE 1400 features the proven polypropylene (PP) Drop antenna with the smallest beam angle (8°) on the market. The 2-wire 4...20 mA (HART 7) transmitter provides accurate and reliable level measurement up to 20 m/ 66 ft despite condensation, turbulent surfaces or foam. It comes with a robust stainless steel housing and IP68/ NEMA 4X/6 rating. OPTIWAVE 1400 is maintenance-free and designed for simple and safe installation and operation. Delivered with reinforced cable gland and 10 m/ 33 ft cable, the new water radar offers thread as well as low-pressure flange connections and various other accessories. Thus OPTIWAVE 1400 is a powerful and cost-effective alternative to pulse radar and ultrasonic level transmitters.

HART is a registered trademark of FieldComm Group

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 3,900 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:** New OPTIWAVE 1400 radar level transmitter for the water and wastewater industry

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