**New suspended solids sensor OPTISENS TSS 2000**

* Total suspended solids sensor for process and quality control in wastewater applications in various industries
* Fast response time, robust design
* Cost-effective measuring point with MAC 100 transmitter

**Text:**

Duisburg, August 29, 2018: KROHNE introduces OPTISENS TSS 2000: the new total suspended solids (TSS) sensor is a robust, cost-effective immersion sensor for process and quality control in industrial and municipal wastewater applications.

OPTISENS TSS 2000 features a fast response time and can be used to optimize processes, increase yield or monitor limits: target applications in the water & wastewater industry include mixed liquor suspended solids (MLSS) monitoring, sludge discharge of primary and secondary sedimentation (clarifier) tanks, or monitoring of biological treatment in wastewater aeration basins. The new sensor can also be used to monitor product loss in open channels in the food & beverage industry, effluent in chemical, white water in pulp & paper or thickeners in metal & mining.

In combination with MAC 100 transmitter, OPTISENS TSS 2000 offers a complete TSS measuring point for ranges 0...4 AU / 0...18.5 g/l at a competitive price. The single-beam sensor comes with a rugged stainless steel body, scratch resistant sapphire windows and automatic sensor cleaning option. Using near-infrared NIR technology, it is not effected by colour or natural ambient light. It is factory calibrated with up to 6 linearization points with linear or non-linear fitting. Installation without assembly (hung up cable installation) is possible, but the use of fibre-glass telescopic sensor assembly SENSOFIT IMM 2000 is recommended. For more demanding applications, e.g. difficult waste water conditions or hygienic requirements, OPTISENS TSS 3000 and 7000 with 4-beam technology are available.

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:**

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**Caption:** New suspended solids sensor OPTISENS TSS 2000 for process and quality control in industrial and municipal wastewater applications

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