**New OPTITEMP hygienic temperature sensors for the food and beverage industry**

* OPTITEMP TRA-H6x/-C6x temperature sensors with 3A, FDA and EHEDG approvals
* Fast responding sensor tip with reduced heat conducting error for high accuracy at short immersion depths
* Modular G½-hygienic connection: steel to steel & steel to PEEK

**Text:**

Duisburg, July 22, 2020: KROHNE introduces the new line of OPTITEMP TRA-H6x/-C6x temperature sensors. Designed for hygienic applications in the food and beverage industry, the devices come with 3A, FDA and EHEDG approvals.

The new line includes standard temperature assemblies and compact designs, featuring a fast responding sensor tip with reduced heat conducting error for high accuracy at short immersion depths. They can be ordered with replaceable Pt100-inserts, or non-replaceable Pt100 for even faster response. All devices are designed vibration proof and rated IP69.

Process connection options include a modular adaptive system using G½ hygienic process connection as basis, both in versions “steel to steel” & “steel to PEEK”. A broad variety of hygienic process adapters is also available. For the US market, a welded clamp connection in two sizes is available; the 3A approval for clamp sensors is in preparation.

All devices feature 4…20 mA output; options for OPTITEMP TRA-H6x include HART, Bluetooth and NFC. As an alternative to commonly used cable gland, an M12 connector is available. Wireless configuration, monitoring and basic verification is possible via OPTICHECK Temperature Mobile App when selecting OPTITEMP TT 33 or TT 53 as temperature transmitter.

3A is a registered trademark of 3-A Sanitary Standards, Inc.

EHEDG is a registered trademark of European Hygienic Engineering and Design Group.

HART is a registered trademark of FieldComm Group.

Bluetooth is a registered trademark of Bluetooth Special Interest Group.

About KROHNE:

KROHNE is a global manufacturer and provider of process instrumentation, measurement solutions and services in many industries. Founded in 1921 and headquartered in Duisburg, Germany, KROHNE has over 4,000 employees and offers extensive application knowledge and local contacts for instrumentation projects in over 100 countries. KROHNE stands for innovation and highest product quality and is one of the market leaders in process industry.

**Picture 1:**

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**Caption:** New OPTITEMP TRA-H6x/-C6x hygienic temperature sensors for the food and beverage industry

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