**OPTIBAR PM 3050: New compact pressure transmitter for pressure and level applications**

* 2-wire 4…20mA HART device for general applications in the food & beverage, water & wastewater, power generation, iron & steel, OEM/ Automation and other process industries
* Fully welded stainless steel construction with metallic diaphragm and 3A, FDA, EHEDG and ATEX / IECEx Ex ia approvals
* High overload factors and quick step response time

**Text:**

Duisburg, April 23, 2020: With OPTIBAR PM 3050, KROHNE introduces a new compact pressure transmitter for pressure and level applications with 2-wire 4…20mA HART communication. It aims at general applications in the food & beverage, water & wastewater, iron & steel, OEM/ Automation and other process industries. Typical applications include absolute and gauge pressure measurement of gases, vapours and liquids, hydrostatic level measurement in open tanks, pressure monitoring in pipelines, dry-run protection of pumps or compressor monitoring.

OPTIBAR PM 3050 is a cost efficient device fitting between KROHNEs ultra compact pressure transmitters and the high-end process series OPTIBAR 5060. It features a robust and fully welded stainless steel design with a metallic diaphragm and is available with a variety of (hygienic) front flush or recessed threaded and flange process connections starting at DN25/ 1". Available approvals include 3A, FDA, EHEDG, EG 1935/2004 and ATEX / IECEx Ex ia.

OPTIBAR PM 3050 can be used for process temperatures up to -40...150°C / -40...302°F without additional diaphragm seal. For aggressive media and/or higher temperatures, it can be combined with OPTIBAR DSP series diaphragm seal assemblies, providing a wide range of special materials as well as a temperature decoupling up to 400°C / 752°F.

The measuring range reaches from 0.1…100 bar / 1.45…1450 psi, with a smallest measuring range of 100mbar / 1.45 psi and a measuring accuracy up to ±0.1% of set span. It offers high overload factors especially for small measuring ranges, and a quick step response time < 80 ms.

Internally located push buttons allow for easily setting the offset correction, zero point and measuring range for a quick start-up. Alternatively, an optional LCD display offers convenient commissioning and setup of all configuration parameters via 4 push buttons. The 2-wire device comes with 4...20 mA output and HART 7.5 communication.

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: (Bild ist nur ein draft)** OPTIBAR PM 3050 compact pressure transmitter for pressure and level applications: available with recessed and front-flushed process connections as well as diaphragm seal assembly

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