**H250 M40: Globally approved flowmeter for hazardous areas**

* Variable area flowmeter H250 M40 has received more than 30 Ex-approvals for hazardous areas
* Cover intrinsically safe and explosion-proof installations with one device

**Text:**

Duisburg, December 9, 2013: With the north american FM approvals for the ignition protection types „intrinsically safe“ (IS) and „non-incendive” (NI), KROHNE has now received the last pending approvals for hazardous areas for the H250 M40 variable area flowmeter. Since its introduction in 2011, the H250 M40 has achieved more than 30 approvals worldwide for hazardous gas and dust areas, including ATEX, IECEx, usFMc, NEPSI, INMETRO, KGS, GOST-R and PESO/CCOE.

H250 M40 combines the main types of explosion protection in one device: it can be used in any suitable application that requires intrinsically safe or non-incendive wiring strategies or as well for dust-ignition or explosion proof installations. Together with the worldwide approvals, the flowmeter is therefore the first choice for large international companies that have a stringent explosion protection strategy for all plants but also need the respective local approvals. The same goes for OEMs that can fulfill requirements of different customers with just one device.

All available indicator variants can be supplied with all available approvals: starting with pure mechanical flow indicators, the devices can easily be upgraded with 1 or 2 limit switches (NAMUR, Transistor or Reed), a 4...20mA signal output with HART, a graphical LCD with totalizer and pulse output or finally with a digital, bus-powered communication interface according to FOUNDATION Fieldbus or PROFIBUS PA standard – all onsite, without interrupting the process. H250 M40 is also the first variable area flowmeter to offer a stainless steel housing with explosion proof (Ex d/XP) enclosure, dedicated for the oil&gas industry.

All approvals can be publicly accessed via the KROHNE download center: <http://krohne.com/en/dlc/>

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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 3,000 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:** Variable area flowmeter H250 M40 has received more than 30 approvals worldwide for hazardous areas

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