**H250 M40: Extended options for oil and gas applications**

* Variable area flowmeter widely used on injection skids and in gas treatment processes
* Comprehensive range of materials, flange connections and pressure ratings, Ex approvals, and quality tests and certifications

**Text:**

Duisburg, September 22, 2016: KROHNE has extended the available options for the H250 M40 flowmeter in order to match the requirements of the oil and gas industry. Here, variable area flowmeters are widely used for flow measurement on injection skids for corrosion-, scale- and hydrate-inhibitors like Methanol or Monoethylene Glycol. Common areas of application are also measuring agents and solvents in gas treatment processes like sweetening and dehydration of natural gas as well as reliably monitoring small amounts of Nitrogen and Fuel gas.

Standard materials for the range of DN15…150 / ½…6" flanged process meters include NACE MR0175/MR0103 compliant 316L or materials and welding following the NORSOK standard. Hastelloy, Monel, 6Mo, Titanium and now also Inconel are available as optional materials to provide high corrosion resistance to any kind of fluid. Stainless steel indicator housings and offshore protective coatings can be applied on request.

Flange connections reach up to ASME B16.5 Class 2500 flanges. Even higher pressure ratings can be realised when applying API flanges. For hazardous gas and dust areas, H250 M40 has achieved more than 30 approvals worldwide, including ATEX, IECEx, usFMc, NEPSI, INMETRO, KGS, EAC and PESO/CCOE. For quality assurance, comprehensive tests and certifications are in place such as positive material identification, material mill certificates, x-ray and dye-penetration examination of the welding seams, pressure and leakage tests, and finally third party factory inspection.

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 3,600 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:**



**Caption:** H250 M40 variable area flowmeter with extended options for use in the oil and gas industry

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