**VA40 WIM: New option 4…20mA output for variable area flowmeters with glass measuring tube**

**Text:**

Duisburg, February 6, 2015: With the new option "WIM", a 4...20mA electrical output signal is now available for the variable area flowmeter VA40. While the flow rate with these glass devices could previously be read only locally, the 4...20mA output option allows for transmission of the measured value for control or evaluation purposes.

With VA40 WIM version, the height of the float is converted into an electrical signal via a Hall sensor chain. This signal can be used for a PLC/DCS, or to record the measured value over a certain period with a data logger. Along with each VA40 WIM, KROHNE supplies the calibration curve, allowing the customer to assign the exact flow value to any current value.

VA40 variable area flowmeters are used for the volume flow measurement of liquids or gases. The glass measuring tube enables visual inspection of the medium to evaluate properties such as gas entrainments or colouring. Typical applications include measurement of flushing, purging or inerting gases, heating and cooling circuits, gas measurement in industrial furnaces, or other basic applications in machine building and process industries, where this purely mechanical measuring principle has proven itself for almost 100 years.

All connection variants of the VA40 are also available with the WIM option. With the robust stainless steel taps, the maintenance-free device is mounted directly into the pipeline using flange, screw, clamp or hose connections. An installation in hazardous areas according to ATEX II2G Ex ia IIC T6 Gb and ATEX II2D Ex ia IIIC T85°C Db is possible. Retrofitting the WIM option to existing devices is not possible.

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 3,300 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:** VA40 WIM: New option 4…20mA output for variable area flowmeters with glass measuring tube

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