

Aluminium rotary gas meters RVG: now with robust surface

Product harmonisation thanks to HART-COAT®

The HART-COAT refined housing version comes as standard in aluminium RVG rotary gas meters as of April 2009.

The characteristics of product line IRM-3 (G16 – G1000), which Elster-Instromet has successfully offered on the market for ten years, such as insensitivity, resistance to corrosion and further functional advantages, are highly valued.

HART-COAT is a special anodisation process which can be used on all aluminium-based materials. Particularly hard and wear resistant surfaces satisfying increased corrosion protection requirements are

produced. In practice, aluminium-based materials treated with HART-COAT are used in the automotive industry (e.g. for gear components) and in many other sectors of industry.

An external institute conducted the materials test on aluminium RVG housings in accordance with DIN EN 12480 for rotary gas meters. The test report certifies that: "The resulting appearance of the housing components after completion of the analyses indicates that high resistance to corrosive influences may be expected under normal operating conditions."



Test certificate – fortified against stringent requirements

This means that the previous housing paint coat is no longer necessary and the new HART-COAT refinement provides a more environmentally friendly coating, enabling Elster-Instromet to make a contribution to the ISO 14000 standard. Furthermore, there is no risk of coating defects on the meter caused by painting processes, meter transport and system installation.

The new meter standard can be identified by its 'refined' look (see Figure). This product harmonisation means it now has the same design as the IRM-3 series.

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RVG: HART-COAT stays!

IRM-3: HART-COAT has proven itself