

Subject: Pressure relief feature on model CNG050 sensors

Overview

This Service Bulletin describes an existing pressure relief feature that was added to the CNG050 in 2006.

Products Affected

Model CNG050 Coriolis Flowmeters

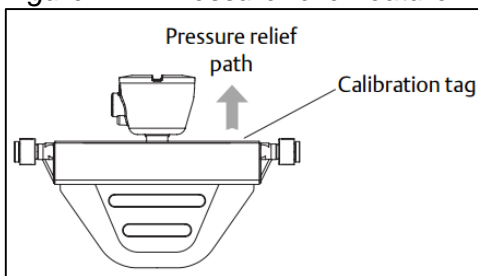
NAMUR NE 53 Rating

Not Applicable

Details

In 2006, Micro Motion added a pressure relief feature to the sensor case to evacuate the case in the unlikely event of a loss of primary containment. The CNG050 case was designed to protect the sensor components and is not rated for pressure containment. The CNG050 sensor case has a typical burst pressure of 1,530 psi (105 bar). The pressure relief feature reduces potential for a high energy pressure release and is located underneath the calibration tag, which releases to allow evacuation from the case.

Figure 1-1: Pressure relief feature



The CNG050 Coriolis Sensor PDS has been updated to include information on this pressure relief feature. Information about this feature was previously only noted in the CNG Sensor Installation Manual.

How to determine if your CNG050 includes the pressure relief feature:

If the sensor tag is stamped with the number “2006” or higher, the CNG050 includes the pressure relief feature. These sensors have been manufactured since 2006. A picture of the sensor and close up view of the tag are shown below. In this example, the sensor does not include the pressure relief feature because the tag reads “2004”.



Contact Information

Product information is available on the internet at:

<http://www2.emersonprocess.com/en-US/brands/micromotion/coriolis-flow-density-meters/CNG050-meter>

Customer Service Phone Numbers:

Micro Motion USA	1-800-522-6277
Micro Motion Europe	31 (0) 318 495 555
Micro Motion Asia	65 6777-8211
Micro Motion UK	44 0870 240 1978
Micro Motion Japan	81 3 5769-6803

At Micro Motion we strive to stay on the leading edge of Coriolis technology. Upgrading to our latest technology can pay for itself in a very short time period by improving your process measurement, improving diagnostic coverage, and improving the bottom line results of your process.

Thank you for your continued support.

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