



Ryan Swaine <viamed.ryan.swaine@gmail.com>

Re: Gas Leaks on Sensor

1 message

Ryan Swaine <ryan.swaine@viamed.co.uk>
To: "Kothari, Kunal" <Kunal.Kothari@teledyne.com>

13 December 2017 at 11:09

Hi Kunal

Just some information to add to this, apparently our customers have been running these leak test for years and have only seen this problem within the last 6 months.

There used to be a sticky foam ring between the casing and the wet component, is this still the case? and if so, has something recently changed in terms of materials or production?

Best regards

Ryan

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On 12 December 2017 at 17:53, Kothari, Kunal <Kunal.Kothari@teledyne.com> wrote:

Dear Ryan

Have asked QA to look into this

Regds

kunal

From: viamed.ryan.swaine@gmail.com [mailto:viamed.ryan.swaine@gmail.com] **On Behalf Of** Ryan Swaine
Sent: Tuesday, December 12, 2017 9:50 AM
To: Kothari, Kunal <Kunal.Kothari@Teledyne.com>
Subject: Gas Leaks on Sensor

Hi Kunal

I have two separate customers using the automotive sensors, both reporting that gas can leak through the body of the sensor and in turn cause some erroneous readings.

I very briefly tested the theory myself and found that gas can leak through the sensor, although I do not know at this stage what effect it may have on the accuracy. I tried it on 2 l/min and 7l/min, it happened in both cases, but more dramatic on the higher flow:

<https://www.dropbox.com/s/qwny5qnct7le2nl/7-8%20l-min.mp4?dl=0>

I understand that the sensors have a sticky foam seal between the casing and the internal wet component, but it appears that this is not efficient at sealing the sensor in some cases. Please can you let me know your thoughts on this and what sort of response I should give to my customers?

Best regards

Ryan

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