



Steve Nixon <steve.nixon.viamed@googlemail.com>

Re: Response from JFD

1 message

Steve Nixon <steve.nixon@viamed.co.uk>

12 January 2018 at 14:06

To: "Dumschat, Christa" <Christa.Dumschat@honeywell.com>

Cc: Jessica Wagner <jessica.wagner@honeywell.com>

I know Christa, I completely agree. If they do the tests correctly, the Teledyne sensors will not pass either.

Steve

On 12 January 2018 at 13:47, Dumschat, Christa <Christa.Dumschat@honeywell.com> wrote:

Hi Steve,

We are sorry, but we cannot meet that technical requirement.

Have a nice weekend.

Regards

Christa

Kind regards / Mit freundlichen Grüßen

i. A. Dr. Christa Dumschat

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Von: steve.nixon.viamed@googlemail.com [mailto:steve.nixon.viamed@googlemail.com] **Im Auftrag von**
Steve Nixon
Gesendet: Donnerstag, 11. Januar 2018 16:35
An: Dumschat, Christa
Cc: Wagner, Jessica (GE0Y); Sproessel, Marko (GE0Y); Lingies, Maik (GE0Y)
Betreff: Response from JFD

JFD are using their specifications, they conflict with their own specification as it states accuracy at **constant temperature**, pressure and humidity. We can't meet their combined approximate specification. Their explanation is:

"Temperature performance is stated as 0.05% / °C so 2% O2 over 0 to 40 °C (20 mbar in 100% O2 or 4.2 mbar in air). We added the linearity error (4 mbar) to that to get the total allowable error.

We're not using constant temperatures to monitor for temperature performance, we're varying temperature in steps and attempting best we can to keep everything else constant".

Our specification:

Temperature compensation error	0 °C to 50 °C, 5% relative error
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Teledyne specification:

+/-5% of full scale over the operating temperature range, worst case tacking error (within first hour after maximum temperature step) is +/-7.5% of full range (gas samples must be brought to ambient temperature). Percent readout is only within +/-1% at constant pressure.

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Steve

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