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**Re: [External] Vandagraph R-33 sensor variants**

1 message

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

Reply-To: steve.nixon@viamed.co.uk

To: "Wagner, Jessica (GE0Y)" &lt;Jessica.Wagner@honeywell.com&gt;

28 November 2019 at 09:03

Marvellous, thank you Jessica. Please send the pre-production samples addressed to Ryan at Vandagraph.

Steve

On Thu, 28 Nov 2019 at 08:02, Wagner, Jessica (GE0Y) <[Jessica.Wagner@honeywell.com](mailto:Jessica.Wagner@honeywell.com)> wrote:

Hi Steve,

you are right. So please find below my comments in green.

Jessica

Kind regards / Mit freundlichen Gruessen

**i.A. Jessica Wagner**

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Go lead-free. 1-to-1 replacement.

IT'S AS EASY AS ADDING TWO LETTERS.

00M102 → 00MLF102

**ENVITEC**  
by Honeywell

**Von:** Main Account <[viamedinbox@gmail.com](mailto:viamedinbox@gmail.com)> **Im Auftrag von:** Steve Nixon  
**Gesendet:** Mittwoch, 27. November 2019 19:20  
**An:** Wagner, Jessica (GEOY) <[Jessica.Wagner@Honeywell.com](mailto:Jessica.Wagner@Honeywell.com)>  
**Betreff:** [External] Vandagraph R-33 sensor variants

Hi Jessica

I believe that the following may clarify the situation regarding the sensor samples required by Vandagraph.

Vandagraph requires three R-33 sensor variants:

**R-33V** (flush input, no threaded connection)

Output connection: flying leads (red & black) terminated with 2 pin Molex white socket. -

Total cable length: 120mm minimum, ideally 130mm –

**R-33V1** (has threaded input)

Output connection: with flying leads (red & back) terminated with 2 pin Molex white socket

Total cable length: 120mm minimum, ideally 130mm

**R-33DE** (has threaded input)

Output connection: with PCB mounted 2 pin JST (SMT) connector

My understanding is that production now want to use one standard PCB assembly, with both the Molex cable assembly and the JST connector fitted as standard. This provides the most flexibility for production.

So, if this is correct:

**R-33V**

Vandagraph will be OK with the sensor being provided with both the Molex cable assembly and the JST connector fitted. So, no extra work for production and the Molex cable assembly can be utilized during QA testing. – **great thanks! This is exactly what we mean**

**R-33V1**

Vandagraph will be OK with the sensor being provided with both the Molex cable assembly and the JST connector fitted. So, no extra work for production and the Molex cable assembly can be utilized during QA testing. – **great thanks! This is exactly what we mean**

**R-33DE**

The Molex cable assembly is not required and needs to be removed. There are two options:

- 1) This can be removed by production after QA testing. So, just need to add a note to the specification datasheet. – **we will remove the cables after QA testing**

or

2) This can be removed by Vandagraph.

If the above is correct, can you please provide a sample of each of the (production version) sensors. – I will organize the samples for you! 😊

Regards

Steve

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