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Connections required for pressure pot cap

1 message

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

23 February 2018 at 14:58

To: peter.koller@ecsense.de

Cc: axel.solbach@ecsense.de, Bernd Lindner <b.lindner@bluepoint-medical.com>, Jens Schwarz <j.schwarz@sensatronic.com>, John Lamb <john.lamb@viamed.co.uk>

Bcc: Derek Lamb <derek@lamb.uk.net>

Hi Peter / Axel

Further to our discussions, we either need to adapt an existing version of the pressure pot cap or make a new one.

We have three existing types:

3 connectors - mono 3.5mm jack (picture on previous email)

3 connectors - SMB co-ax (see attached picture)

3 connectors - 3 way Molex , just the two outer pins connected (see attached picture)

Each of the above are connected to a four pin connector, signal pins for each sensor plus a shared ground connection (see attached picture).

How many pins of your PCB need to be connected, 2 or 3? I believe that two are usually used, but you also have a third gating pin?

Pin S

Pin R

Pin C

How many sensors would you wish to test at a time?

For a custom made pressure pot cap we could either mount directly to the cap or on a variable height threaded platter (see attached picture).

Regards

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Steve

Steve Nixon

Director - Viamed Ltd.

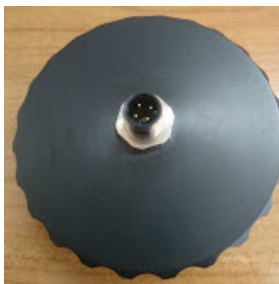
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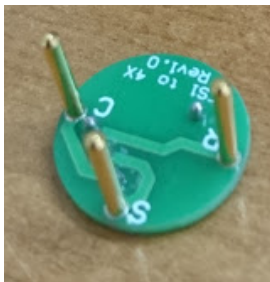
5 attachments**Pot cap with SMB co-ax connectors.JPG**
879K**Pot cap with Molex connectors.JPG**
1070K**Pot cap external connector, 4 way.JPG**
1042K

01/05/2018

Gmail - Connections required for pressure pot cap



Pot cap with solid state sensor.JPG
1025K



Standard sensor interface PCB.JPG
177K