



Variation in product specification

P856RA Nellcor compatible

S/N 941568 ME to 941667 ME

Variation from Viamed specification:

During the design of this probe a range of Nellcor probes was tested for resistor value.

Nellcor use this resistor for two purposes.

- 1) It informs the instrument that a probe exists
- 2) Disposables probes use 8K23 - 8K03
- 3) Y use 7k97

It became apparent that a 7K5 ohm resistor was being used by Nellcor finger probes although no actual specification has been actually published. A wide variation around this value did not effect the accuracy of the probes.

However it was decided that Viamed would use 7K5 ohm +/- 1%

Although this increased the expense it was felt that it would be better to be as accurate as possible leaving a larger margin for errors.

This batch appear to be using a +/- 5% tolerance resistor.

Although accuracy should not be compromised the supplier has been advised that in future the correct specification for this resistor must be used.

This batch have all been tested and released on my authority

J.S.Lamb

Managing Director

30/11/00