VIAMED

SpO₂ 'Y' Probe Assembly

COMPANY OPERATING PROCEDURES
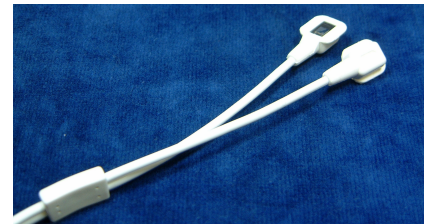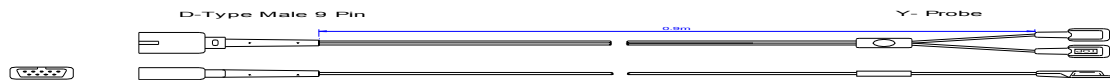
| 0018712 | Nonin | P871YA |

VM3/COP/35.16

| Date: | 14-May-02 | **Revision date: 7-Apr-11** | Issue: 3 |

Equipment required: Soldering iron (0060120), solder (0050012), Wire stripper (0060030), Flush Cutter (0060010), Snipe nose pliers (0060021), 'helping hand' (0060145), Heat gun (0060100).

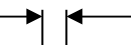Parts list: Kit and parts required. (Continued over page)

D-type male 9-pin Pre-manufactured			Y Probe Side Pre-manufactured		
Qty		Part No.	Qty	Description	Part No.
1	Pre- manufactured probes.				0018612

ASSEMBLY OPERATIONS

1. Take a pre manufactured P861YA cable and cut out pin 1 from the front.
2. Fill the hole with white silicon.

TESTING

1. Attach D-Type male 9-pin side to the test box connector marked 'A'.
2. Check display is showing correct characteristics as shown below. (At correct switch positions)

LED should read approx 1.8v

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Position 1. IR, LED.   Position 4. Detector

3.   If the LED signal is at the bottom then it is wired incorectly.
4.   'Play' with wire at connections to see if any change in the display (i.e. flickering etc).
5.   If there is any movement of signal it must be reported to the supervisor. Then tested again until results are satisfactory.
6.   Check the cable is of correct quality standard. (See VM/COP/30.11 for details).
7.   Attach D-Type male 9-pin side to a Nonin 8500 monitor and the probe on to the ear to check SpO₂ level. (Ideal reading 95-100.)

Labelling

1.   Labels: to be attached facing upwards as looking at the top of the probe.
   - 1 x CE Label
   - 1x Orange 'Do Not Throw Away' Label (correct one of two is dependant of country unit is being sold to).

Quality Assurance (QA)

1.   Attach D-Type male 9-pin side to the test box connector marked 'A'.
2.   Check display is showing correct characteristics as shown below. (At correct switch positions)

LED should read approx 1.8v

COMPANY OPERATING PROCEDURES

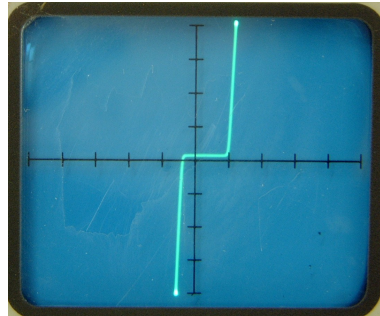### 0018712   Nonin   P871YA

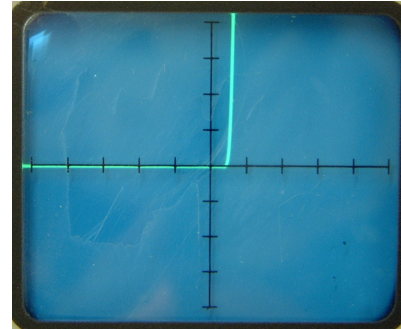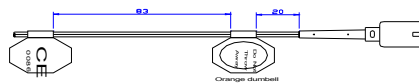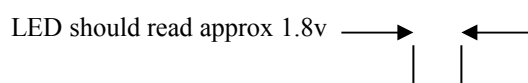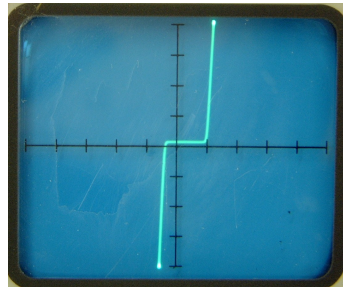VM3/COP/35.16
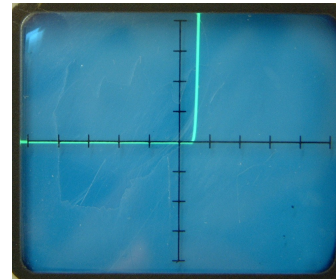
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Position 1. IR, LED.   Position 4. Detector

3. If the LED signal is at the bottom then it is wired incorrectly.
4. 'Play' with wire at connections to see if any change in the display (i.e. flickering etc).
5. If there is any movement of signal it must be reported to the supervisor. Then tested again until results are satisfactory.
6. Check the cable is of correct quality standard. (See VM/COP/30.11 for details).
7. Attach D-Type male 9-pin side to a Nonin 8500 monitor and the probe on to the ear to check SpO₂ level. (Ideal reading 95-100.)
8. Fill and sign attached paperwork.

Packaging

1. Visually check all labels are attached properly
2. Using a twist tie (bunny clip) wrap the cable and place in a small blue Viamed plastic box, ensuring the cable is inserted in a neat and tidy presentable manor.
3. Place a serial number sticker (supplied with the batch) on the front face of the box.
4. Place a packed and tested sticker (also containing initials of the individual who is packing) on the right hand side top left corner of the box. Do not close box.

Final QA

1. Final inspection. Visually ensure cable sit neatly within the box and is in a presentable state.
2. Boxes are ready to stock in stores.