

|                                                                                   |                            |                           |         |       |
|-----------------------------------------------------------------------------------|----------------------------|---------------------------|---------|-------|
|  | SpO2 Assembly Instructions |                           |         |       |
|                                                                                   | 19/02/99                   | P963E10                   | Issue 1 | Ver 1 |
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### Parts

- 1 off connector DB9
- 1 off connector 8 way
- 1 off cable 3.1mtrs (10ft)
- 1 off resistor 22R +/- 5%
- 1 of resistor 47K +/- 5%
- 1 off heat shrink
- 1 off Tie wrap

### Assembly

#### DB9

1. Strip 2.5 cms
2. Tin wires
3. Heatshrink shields
4. Solder to pins
5. Fit insert
6. Tie wrap and glue
7. assemble connector

#### **DIN connector**

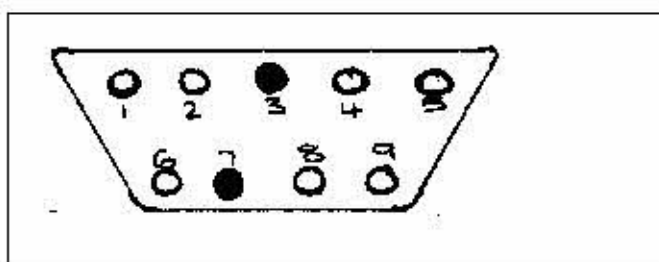
8. Add identification label
9. Add connector outer casing to cable
10. Strip outer cable 2.5cms and tin wires
11. Heatshrink shields
12. Heatshrink cable
13. Fit end + resistors (47K is hairpin) red wire + 22R
14. Fit remaining wires to pins
15. Fit metal cable grip
16. Screw outer casing together



#### Connector wiring

#### **DB9**

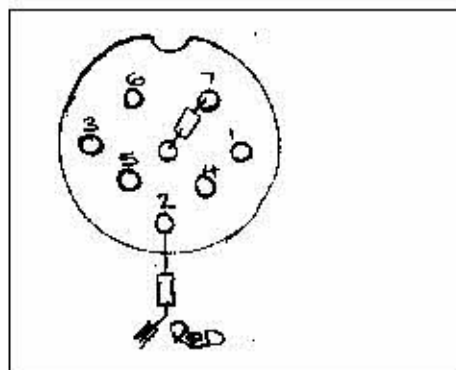
- Pin 1 Yellow
- Pin 2 Orange
- Pin 3 N.C
- Pin 4 White
- Pin 5 Black
- Pin 6 Red
- Pin 7 NC
- Pin 8 Blue
- Pin 9 Shields



|                                                                                   |                            |                           |         |       |
|-----------------------------------------------------------------------------------|----------------------------|---------------------------|---------|-------|
|  | SpO2 Assembly Instructions |                           |         |       |
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#### DIN connector

|       |                     |
|-------|---------------------|
| Pin 1 | Yellow              |
| Pin 2 | 22R Red to free end |
| Pin 3 | White               |
| Pin 4 | Orange              |
| Pin 5 | Shields             |
| Pin 6 | Black               |
| Pin 7 | 47K                 |
| Pin 8 | 47k                 |



#### Test

Use P863RA probe and Datascope test equipment

#### Final QA



|                 |          |
|-----------------|----------|
| Drawn BY        | TW       |
| Date            | 19-02-99 |
| Checked By      | DB       |
| Date            | 19-02-99 |
| Revised By      |          |
| Revision Date   |          |
| Revision number |          |



# Sp02 Assembly Instructions

19/02/99

P963E10

Issue 1

Ver 1

11 January 2001

Datascope extension cable

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## Parts

- 1 off connector DB9
- 1 off connector 8 way
- 1 off cable 3.1mtrs (10ft)
- 1 off resistor 22R +/- 5%
- 1 of resistor 47K +/- 5%
- 1 off heat shrink
- 1 off Tie wrap

## Assembly

### DB9

- 1. Strip 2.5 cms
- 2. Tin wires
- 3. Heatshrink shields
- 4. Solder to pins
- 5. Fit insert
- 6. Tie wrap and glue
- 7. assemble connector

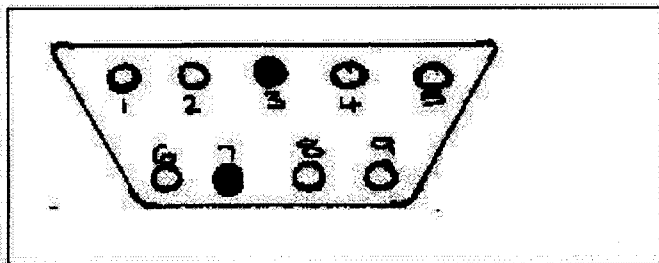
### DIN connector

- 8. Add identification label
- 9. Add connector outer casing to cable
- 10. Strip outer cable 2.5cms and tin wires
- 11. Heatshrink shields
- 12. Heatshrink cable
- 13. Fit end + resistors (47K is hairpin) red wire + 22R
- 14. Fit remaining wires to pins
- 15. Fit metal cable grip
- 16. Screw outer casing together

### Connector wiring

#### DB9

- Pin 1 ~~Yellow~~ **RED**
- Pin 2 Orange
- Pin 3 N.C
- Pin 4 ~~White~~ **BLACK**
- Pin 5 ~~Black~~ **WHITE**
- Pin 6 ~~Red~~ **YELLOW**
- Pin 7 NC
- Pin 8 Blue
- Pin 9 Shields





# SpO2 Assembly Instructions

19/02/99

P963E10

Issue 1

Ver 1

11 January 2001

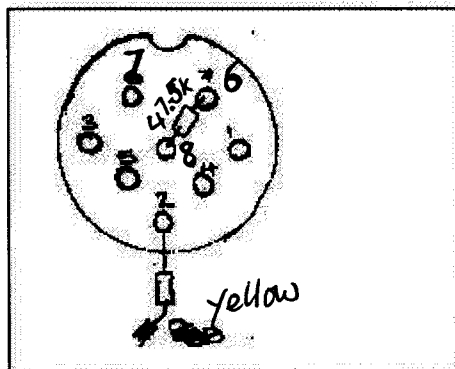
Datascope extension cable

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## DIN connector

Pin 1 ~~Red~~ RED  
Pin 2 ~~Yellow + 22.1k~~ yellow + 22.1k  
Pin 3 ~~White~~ Black  
Pin 4 Orange  
Pin 5 ~~Black~~ Both shields  
Pin 6 ~~Black~~ 47.5kΩ  
Pin 7 ~~White~~ white  
Pin 8 ~~47.5kΩ~~ 47.5kΩ



## Test

Use P863RA probe and Datascope test equipment

## Final QA

|                 |          |
|-----------------|----------|
| Drawn By        | PH       |
| Date            | 19-02-99 |
| Checked By      | MF9      |
| Date            | 19-02-99 |
| Revised By      | PH       |
| Revision Date   | 24.11.01 |
| Revision number |          |