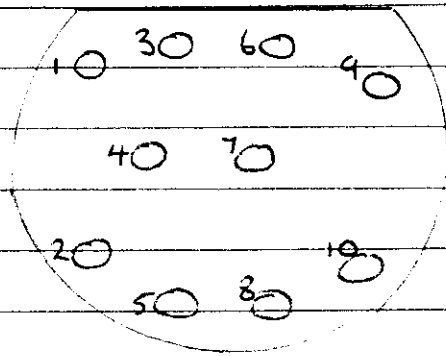


29.12.00

P973E10 extension (Datex)

17



1- 20k resistor + 150pf capacitor

2- Empty

3- Empty

4- Orange

5- main shield + Blue

6- Red

7- Yellow

8- white + resistor + capacitor

9- Innershield + black

10- Empty.

1- Cut 10ft cable, Heatshrink, place black ring in to grey cover, then put grey cover onto cable.

2- place black cover over cable, Black Heatshrink.

3- Strip outer cable casing.

4- Solder blue wire to the main shield, then cover with black heatshrink.

5- Solder black to innershield, and cover with black heatshrink.

6- Attach 20k res + 150pf cap into same pin

7- Put white into pin along with res + cap

8- Attach red, yellow - orange into pins

9- place pins in insert as in above diagram

10- Black heatshrink.

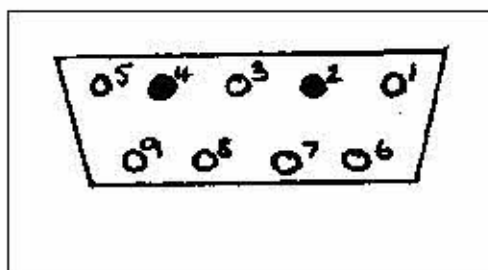
11- Screw clamp onto cable covering insert. (Tie cap)

12- Bring cover over clamp + put grey ring on top.

	Sp02 Assembly Instructions		
	19/02/99	P973E10	Issue 1 ver 1
	11 January 2001	Datex Extension Cable	Page 2 of 3

Amp wiring Diagram

Pin 1 Blue
 Pin 2 NC
 Pin 3 Yellow
 Pin 4 NC
 Pin 5 White
 Pin 6 Orange
 Pin 7 Red
 Pin 8 Outer shield
 Pin 9 Inner shield + Black



Test

Test using P873RA

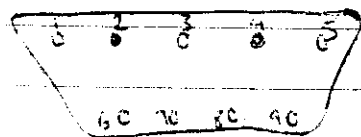
Final QA

Drawn By	TW
Date	19/02/99
Checked By	DB
Date	19/02/99
Revised By	
Revision Date	
Revision number	

P 973E1C EXTENSION CABLES. (DATEX)

3-7 00

female



1. Blue

2. N/C

3. yellow

4. N/C

5. white

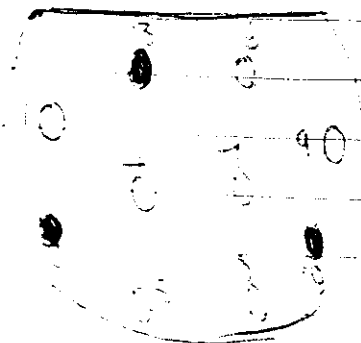
6. orange

7. red

8. ~~orange~~ main shield

9. inner shield + black

male



1. 20k 125 + 150k cap

2. N/C

3. N/C

4. orange

5. main shield + blue

6. red

7. yellow

8. white + 125 + cap

9. inner shield + black

10. N/C



Sp02 Assembly Instructions

19/02/99

P973E10

Issue 1

ver 1

11 January 2001

Datex Extension Cable

Page 1

Of 3

Parts

Qty	Description	Part number
1 off	connector	DPK1
1 off	Amp 9 way	
1 off	tie wrap	
1 off	heat shrink	
1 off	20K resistor	
1 off	150pF capacitor	

DK1 connector

1. Cut (3.1 mtrs) 10 feet of cable. secure with a tie wrap
2. Strip 2.5 cms (1 inch) and tin each wire
3. Fix label approximately 15cms (6 inches) from end of cable
4. Fit cover
5. Twist outer shield with blue & inner shield with black Heat shrink on both
6. Fit Datex pins onto wires (except White) (Silver pins x 5)
7. 20K Resistor + 150pf capacitor make mod, straighten capacitor legs and wrap Resistor around
8. Fit Tie wrap, & glue
9. Assemble casing

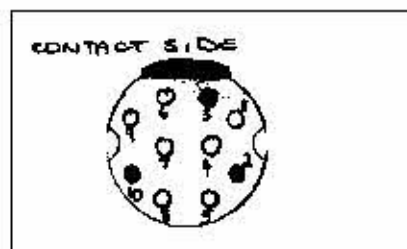
Female AMP connector

10. Fit cover
11. Strip (just less than 1 inch) & tin wires
12. Twist Inner shield with Black wire
13. Twist outer shield alone
14. Heat shrink on both
15. Extra heat shrink on Black + Inner shield and White for safety
16. Heat shrink on cable wire
17. Fit Female AMP pins (Gold) x 7
18. Fit to Female AMP
19. Tie wrap and glue
20. Fit Cover

DK1 wiring Diagram

Pin 1	20k and 150pf capacitor
Pin 2	NC
Pin 3	NC
Pin 4	Orange
Pin 5	Outer shield & Blue
Pin 6	Red
pin 7	Yellow
Pin 8	20k and 150pf capacitor
Pin 9	Black + Inner shield
Pin 10	N.C.

& White



P973 E10 EXTENSION (DATEX) ^{6 873RA}

STEP 1 CUT 10' CABLE AND FOLLOW SAME PRECEDURE AS WITH EVERYTHING ELSE.

STEP 2 PLACE BLACK HEAT SHRINK OVER CABLE THEN SOLDER AS FOLLOWS.

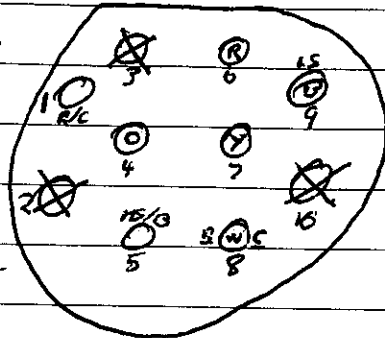
1 = 20K RES + 150PF CAP

2 = N/C

3 = N/C

4 = ORANGE

5 = MAIN SHIELD + BLUE



6 = RED

7 = YELLOW

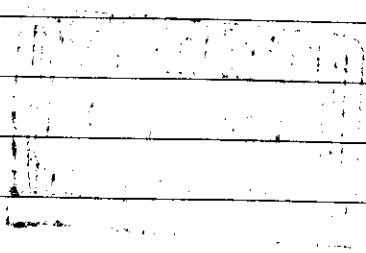
8 = WHITE + RES + CAP

9 = INNER SHIELD + BLACK

10 = N/C.

STEP 3 AFTER PINS ARE INSERTED SHRINK THE HEAT SHRINK AT END OF CABLE SHEATH THEN SCREW CLAMP ON TO CABLE.

NOTES



P473 E10 EXTENSION (FOR 873RA DATER).

STEP 2 STANDARD CABLE STRIP AFTER CONNECTOR HOUSING IS ON ALONG WITH CABLE CLAMP.

STEP 2 SOLDER IN PINS THEN PLACE IN CONNECTOR AS FOLLOWS.

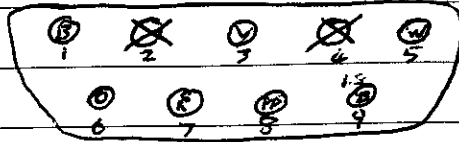
1 = BLUE

2 = N/C

3 = YELLOW

4 = N/C

5 = WHITE.



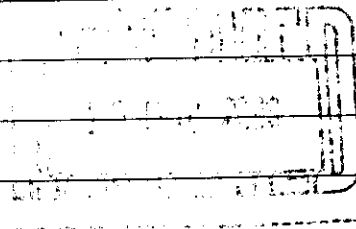
6 = ORANGE

7 = RED

8 = MAIN SHIELD

9 = INNER SHIELD + BLACK.

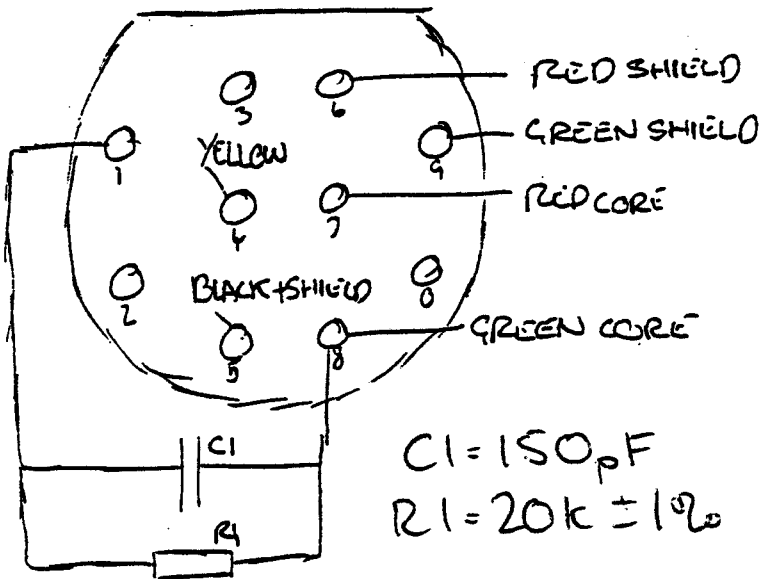
NOTES.



Date

Type

DATEX EXT. CABLE

REAR VIEW

1, C1 + R1

2, -

3, -

4, YELLOW

5, BLACK + MAIN SHIELD

6, RED SHIELD.

7, RED CORE

8, GREEN CORE

9, GREEN SHIELD

0, -

FRONT VIEW

1, BLACK + MAIN SHIELD

2, -

3, RED CORE

4, -

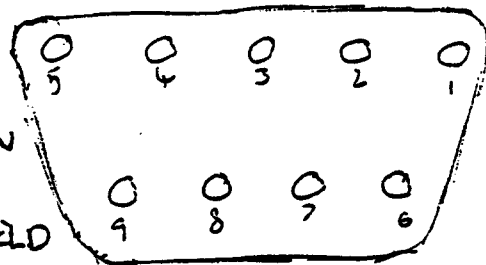
5, GREEN CORE

6, YELLOW

7, RED SHIELD

8, BLACK + MAIN SHIELD

9, GREEN SHIELD



I.R.

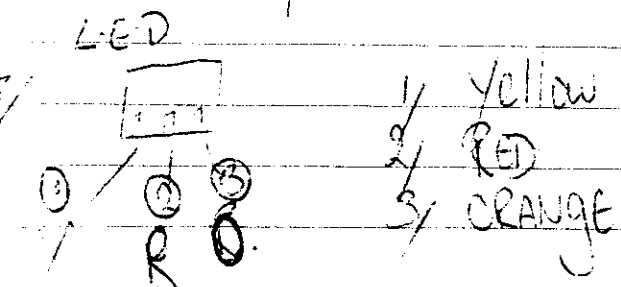
L.E.D.

Sensor

Drawn By:

Signed

Strain relief 7.5-8cm down
Strip wire + leave shield at about 1cm. in
end.
Blue 2.5cm. in end. red orange and yellow
same as p377. in ends.



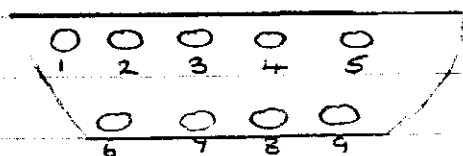
put sensors on white left. Black right

white - black.

solder 20K to blue + shield. heatshrink.

P973 E10 Extension

29th Dec 2000



- 1- Blue
- 2- Empty
- 3- Yellow
- 4- Empty
- 5- White
- 6- Orange
- 7- Red
- 8- main shield
- 9- Inner shield + Black

- 1- connector housing then cable clamp.
- 2- Strip down cable.
- 3- Solder Innershield + Black wire together and cover with black heatshrink.
- 4- solder each wire into a pin, including main shield.
- 5- put pins into connector as above.
- 6- bring connector housing over connector.

k.

5/7/00

P973 E10

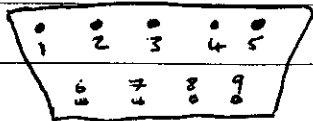
EXTENSION CABLES

(DATEX)

(LENGTH 10 1/2)

FEMALE

(TOP VIEW)



1/ BLUE

6/ ORANGE.

2/ N/C

7/ RED

3/ YELL

8/ OUTER SHIELD

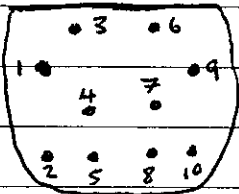
4/ N/C

9/ INNER SHIELD & BLK.

5/ WHITE

MALE

(TOP VIEW)



1/ 20K RES + 150pF

6/ RED.

2/ N/C

7/ YELL

3/ N/C

8/ WHITE + RES + CAP.

4/ ORANGE.

9/ INNER SHIELD & BLK

5/ OUTER SHIELD & BLUE.

10/ N/C