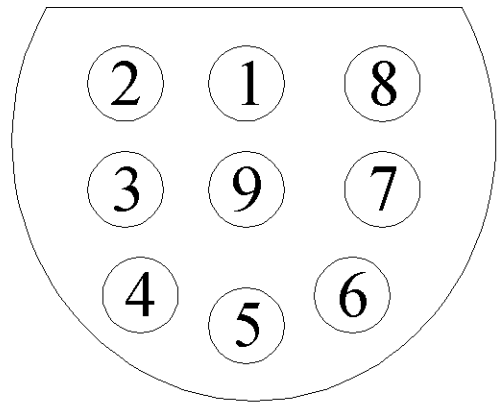
Date	01/08/96	Type	Simed (ohmeda Connector)
Schematic's			

Original Cable

1 Shield
2 White
3 Green + Resistor
4 Resistor
5 Not Connected
6 Black
7 Red
8 Not Connected
9 Shield

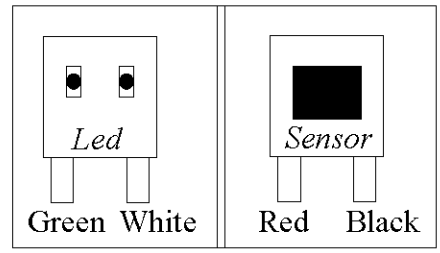
Rear View



Epic Cable

1 Shield
2 White
3 Yellow + Resistor
4 Resistor
5 Not Connected
6 Black
7 Red
8 Not Connected
9 Shield

Resistor is 1.5K Ohm



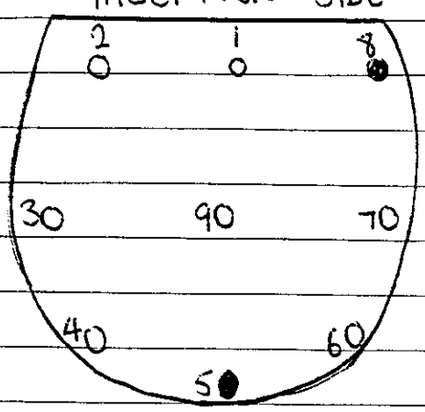
Note When Using Epic Cable Wire the Yellow instead of the Green.

Notes On Repair.
When changing cable, remove old cable / strain relief. Feed new cable through finger clip Then place strain relief on cable.
Do not remove Led or Sensor from clips.

Drawn By:		Signed	

P860EA SMED (12 foot) 12/9/00

INSERTION SIDE

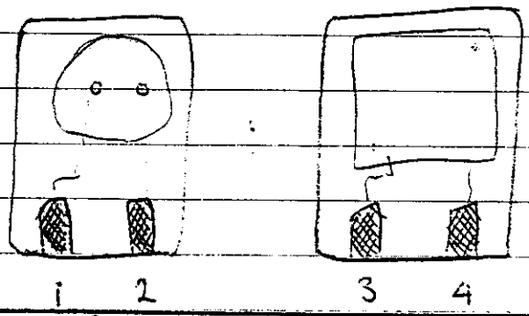


1/ Innershield
2/ RED
3/ Yellow + 1k33r
4/ 1k33r
5/ N/C
6/ Black
7/ White
8/ N/C
9/ outershield

CONNECTOR END

CLIP END

1/ Yellow
2/ RED
3/ White
4/ Black



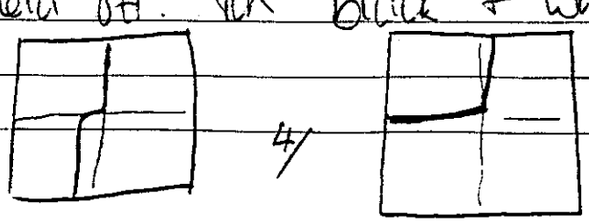
Connector End.

Strip cable to about 1½ inch. Take orang and blue off. Strip innercable, then split both shields in half and fasten 50/50. heatshrink resistor ~~[illegible]~~ leaving enough space on leg to solder yellow to. Strip & tin rest off-wires. Solder pins + insert as diagram above.

Clip End.

Strain relief + ~~the~~ clear heatshrink. Put strain relief 8cm on our cable. Strip cable and take outershield off. Cut yellow + red to 1cm. Tin ends + fasten to LED. Strip innercable to 1cm. take innershield off. tin black + white and solder Sensor.

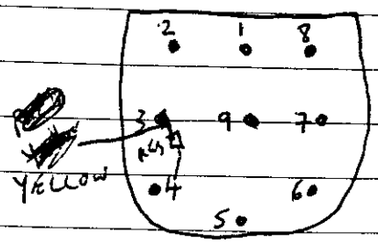
TEST Position 1/ 4/



11/7/..

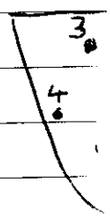
P 860 RA (SIMED)

LENGTH 25 FT.



1/ SHIELD (INNER)
2/ [redacted] RED
3/ [redacted] YELLOW 1K 33 RESISTOR
4/ 1K 33 RES.
5/ N/C
6/ BLACK.
7/ WHITE.
8/ N/C
9/ SHIELD (OUTER)

1/ TH
2/ CUT
3/ HE



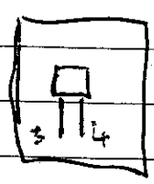
N/B SPLIT SHIELDS & FASTEN TOGETHER. CUT ~~TAPE~~ OFF OF HEATSHRINK RESISTOR & SEPARATE FROM SHIELDS.

~~CUT OFF BLUE & ORANGE~~. & CUT OFF

L.H.) EMITTER.

1/ ~~RED~~ YELLOW
2/ ~~YELLOW~~ RED

DETECTOR



3/ WHITE
4) BLK

THRU SOCKET L IN MAIN BOX.

P860 RA (SIMED) CONNECTOR

STEP-1 CUT 25' OF CABLE

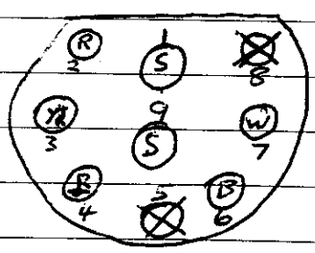
STEP-2 PUT COLAR, JAWS & STRAIN RELIEF ON CABLE.

STEP-3 TRIM BOTH OUTER & INNER CABLE BACK 1 1/2
REMOVE ORANGE & BLUE WIRES

STEP-4 DEVIDE EACH SHIELD IN 2 AND TWIST OPOSIT
SHIELDS TOGETHER.

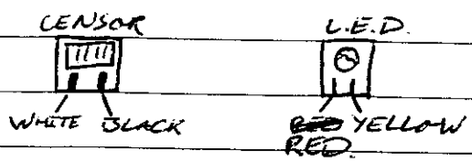
STEP-5 TRIM ALL WIRES BACK TO 1 CM THEN STRIP &
TIN ENDS. ~~PLUG~~

STEP-6 SOLDER WIRES INTO PINS AS FOLLOWS—



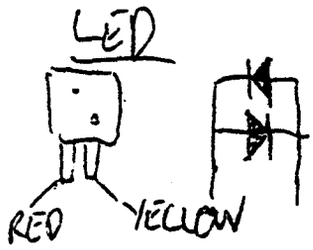
1 = SHIELD
YELLOW 2 = ~~RED~~ ~~1K 3 RES~~
RED 3 = ~~YELLOW~~ + 1K 3 RES (LONG LEG)
4 = 1K 3 RES (SHORT LEG)
5 = N/C
6 = BLACK
7 = WHITE
8 = N/C
9 = SHIELD.

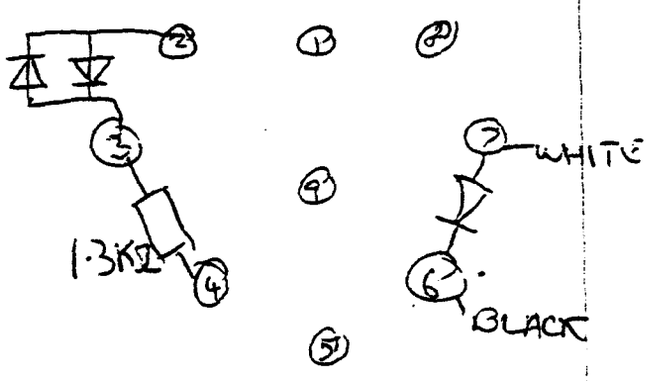
LED & SENSOR

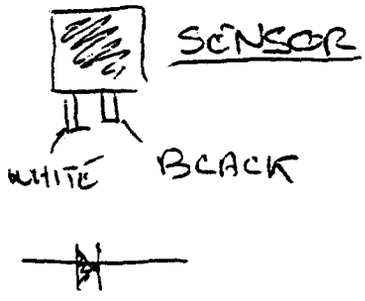


TEST IN SOCKET 'K'

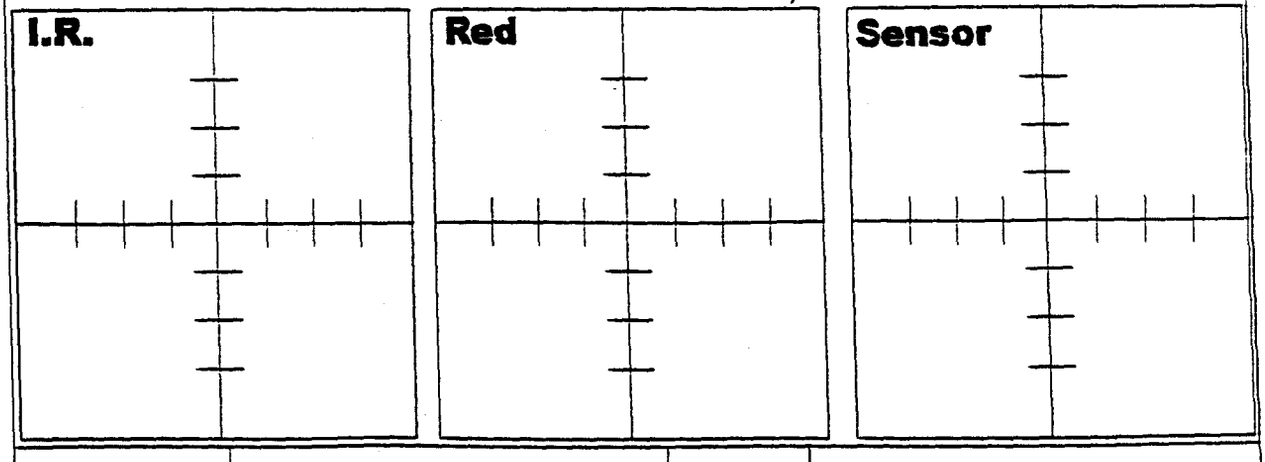
Date		Type	P860RA SIMED





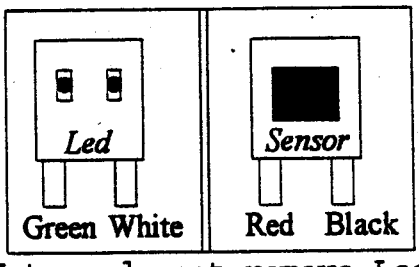


1, INNER SHIELD
2, RED
3, YELLOW + RESISTOR
4, RESISTOR -
5, —
6, BLACK
7, WHITE
8, -
9, MAIN SHIELD



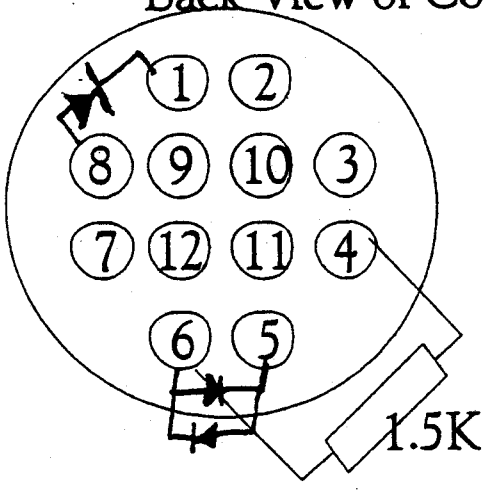
Drawn By:		Signed	

Date	02/08/96	Type	Simed (Nicolay Plug)
Schematic's			



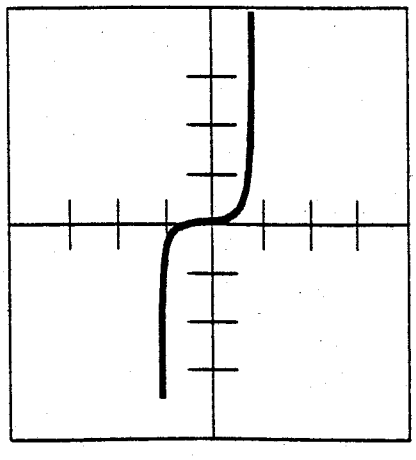
Note : do not remove Led/Sensor from finger clip

Back View of Connector

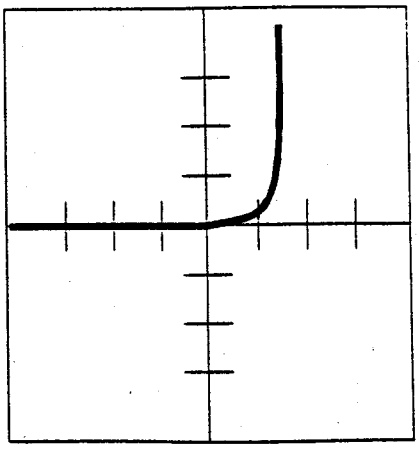


1 - Black
2 -
3 - Shield
4 - 1.5K To Pin 6
5 - White
6 - Green
7 -
8 - Red
9 -
10-
11-
12-

L.e.d.



Sensor

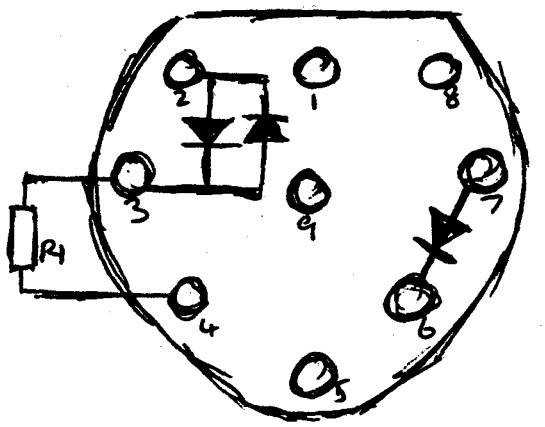


Drawn By:	Derek Lamb	Signed	

Date	19-10-99	Type	SINNED 9 PIN HYPERTRONICS

Schematic's

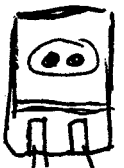
REAR VIEW



ORGINAL CABLE

1, MAIN SHIELD
2, WHITE
3, GREEN + R1
4, R1
5, -
6, BLACK
7, RED
8, -
9, INNER SHIELD

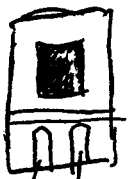
LED FACE UP



GREEN/YELLOW

WHITE/RED

SENSOR FACE UP



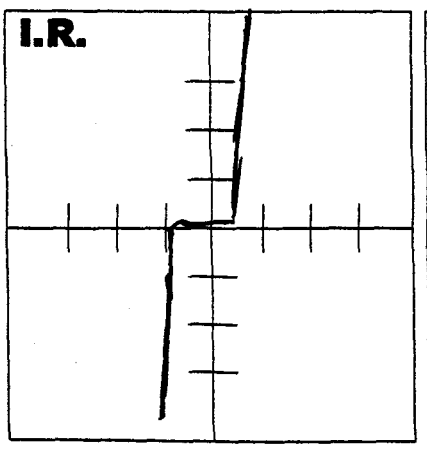
BLACK/BLACK

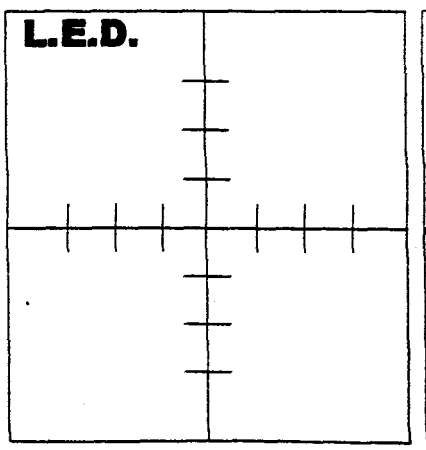
RED/WHITE

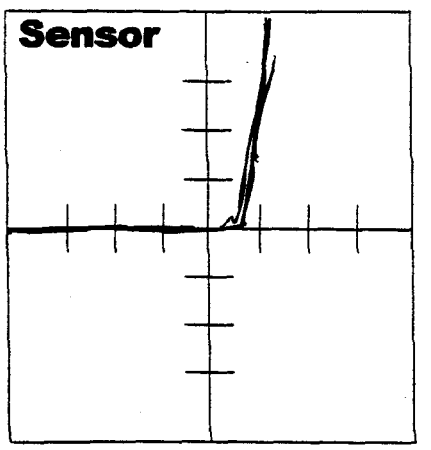
MCI CABLE

1, MAIN SHIELD
2, RED
3, YELLOW + R1
4, R1
5, -
6, BLACK
7, WHITE
8, -
9, INNER SHIELD

NB. Both shields are linked in the connector.
R1 can be 1.33KΩ or 1.58KΩ depending on version see following sheets.

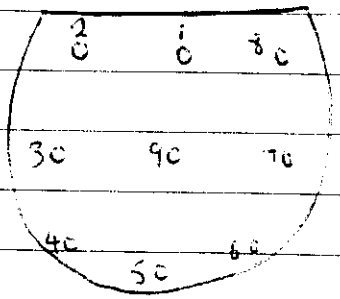




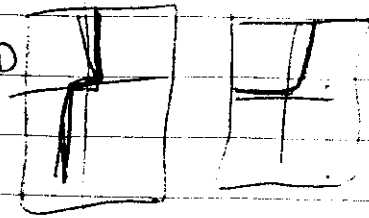


Drawn By:		Signed	

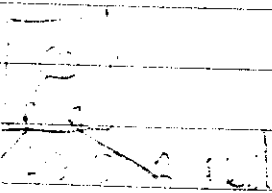
5/5/00 P360RA (SIMED) TEST in K Socket



1/ Shield (inner)
2/ RED
3/ Yellow + 1K33 res
4/ 1K33 res
5/ N/C
6/ Black
7/ White
8/ N/C
9/ Shield (outer)

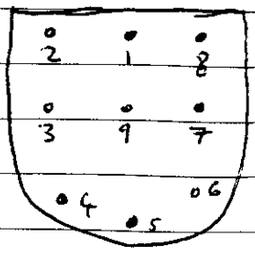


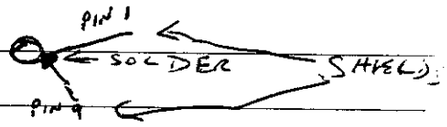
V/B split shields and fasten together. Take orange off + blue heatshrink resistor & Separate inn shields. Leave yellow to attatch to leg of resistor



20/7/00

P 860 YA





1/ JOIN ~~TWIST~~ BOTH SHIELDS BUT PUT ON SEPARATE PINS

REFER TO P 860 RA.

FOR WIRING.

Date	22.7.98	Type	Shield (Original)	S100 <1.61

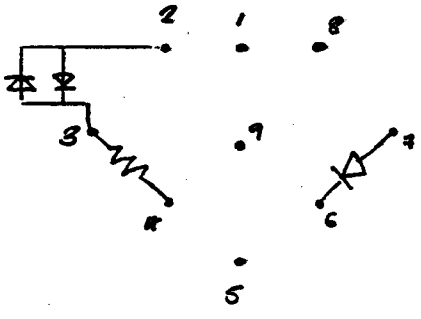
LED - Top View

White Green

Sensor - Top View

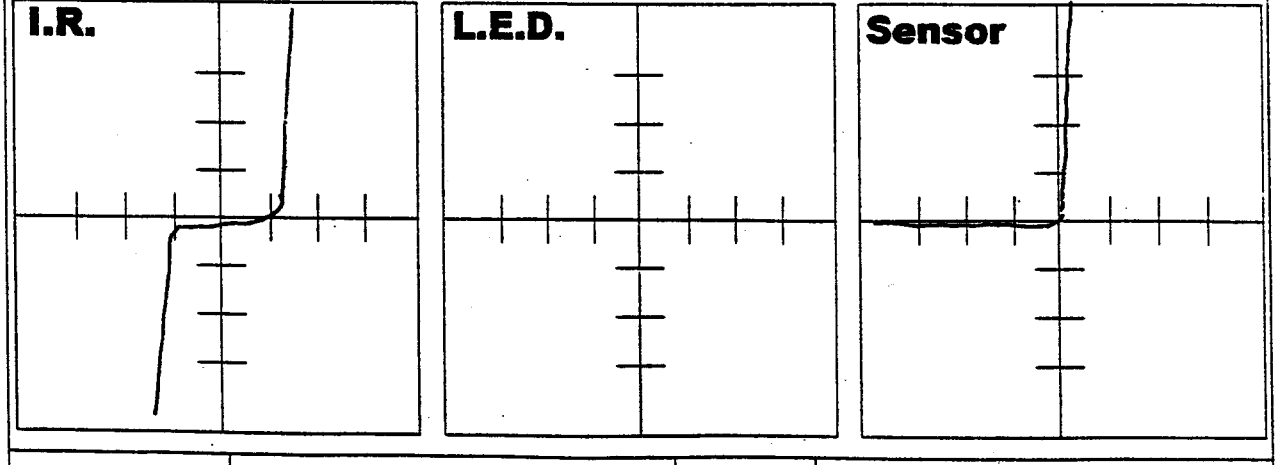
Red Black

Connector - Solder Side View.



1. Inner Shield
2. White
3. Green - Resistor 1K8
4. Resistor
5. —
6. Black
7. Red
8. —
9. Outer Shield.

Works With Shield (Original) 1K3 Probe.
Does Not Work With Vivitek 1K5 Probe. P860A
Does Not Work With Vivitek 1K3 Probe. P860A



Drawn By:		Signed	

Date	22.7.98	Type	SMED ORIGINAL S50+S100E(2.0+)

LED - Top

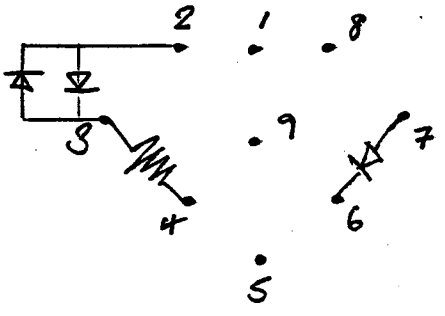
White Green

Sensor. Top

Red Black

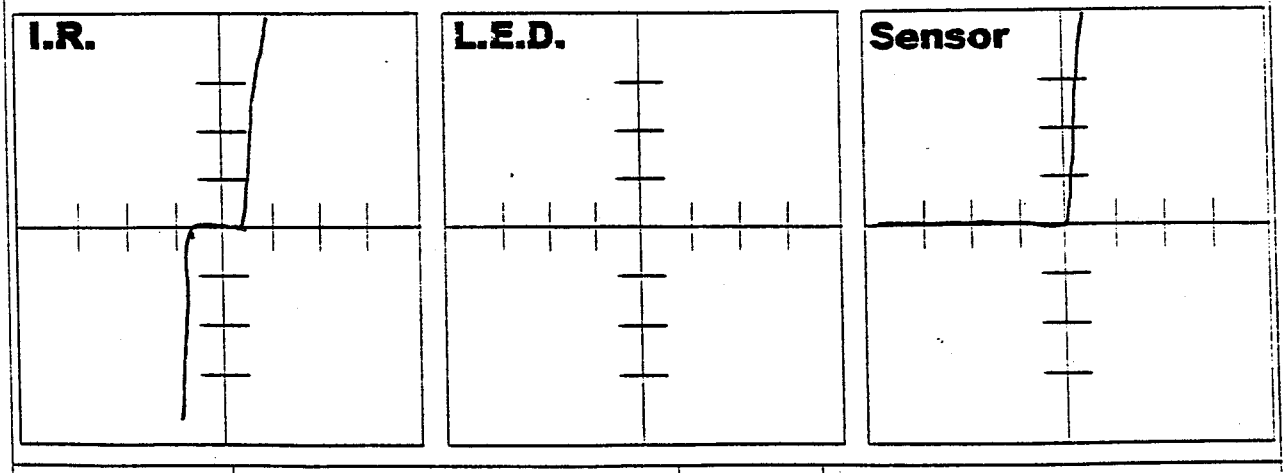
WORKS WITH ORIGINAL SMED
CLIP WITH 1K5 RESISTOR.

Connector - Solder Side View.



1. Inner Shield
2. White
3. Green - Resistor 1.33KΩ
4. Resistor
5. —
6. Black
7. Red
8. —
9. Outer Shield.

S100E Will Work With A 1K5 Probe (Original Smed). MCI Clip. 15.10.98 MWest.
S100E Works With A 1K3 Viamed/MCI Probe 15.10.98 MWest
Works With 1K3 Original Smed Probe (MCI Clip) 15.10.98 MWest.
Works With Viamed/MCI 1K5 Probe 15.10.98 MWest



Drawn By:		Signed	