

Pulse Oximeter Probes

Cross Reference Guide

Explanation

The numbering system follows Teledyne Part numbers as most of the Distributors have seen these numbers appearing.

Epic using Teledyne distributors have two numbering systems. These have both been added to the cross reference chart.

The **P** is common to all finger probes of any type.

The three digits identify a manufacturer or where the manufacturer changes the part number a product.

e.g. BCI is 861 The idea was to keep a number unique to a manufacturer where possible . Unfortunately as the manufacturers increase the range of probes and under ISO9000 have to supply new designs under new part numbers the numbers will continue to increase.

The two letters designate the type of probe:

RA is a re-usable Adult Finger Probe

YA is a Flexible Adult Probe

DA is for disposable Adult

DP is disposable Paediatric

DN is disposable Neonatal

The final letter can be used for 26 types of probe and 26 sizes

The original choice of letters was based on the experience of incorrect deciphering of hand written orders. The letters were chosen to be easily recognised in most languages.

EX is for an extension cable.

The final number denotes the length in metres.

No letter is the standard 1 metre or 3 ft.

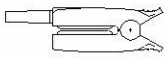
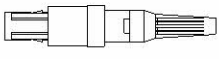
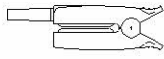
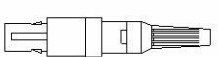
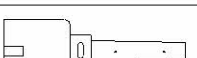
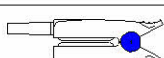
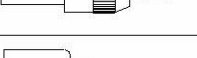
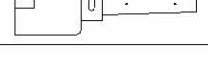
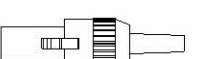
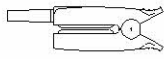
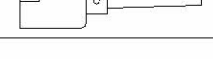
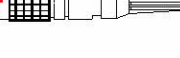
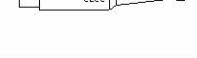
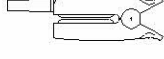
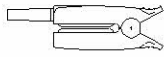
7 May 1998

Part number	Connector				Supplied by MCI	Derivation	Comments
	Type	Number of contacts	Gender	Comments			
P856RA	D	9	M	Pins 4 & 8 missing.	✓	Original	
P857RA	Hypertronics	12	M	Pins 5,6,7,9 & 10 missing.		P858	
P858RA	D	9	M	Pins 4 & 8 missing.	✓	Original	
P859RA	Switchcraft	5	F			P858	
P860RA	Hypertronics	9	M	Pins 2 & 5 missing?		P858	
P861RA	D	9	M	Pins 4 & 8 missing.	✓	Original	
P862RA	Lemo	5	M		✓	Original	
P863RA	D	9	M	Pin 8 missing.		P867	
P864RA	DIN	8	M			P867	
P865RA	Compu-shield	6	M			Kit	Sensormedics LED's & cable.
P867RA	Hypertronics	9	M	Pins 3 & 6 missing.	✓	Original	
P869RA	D	9	M			P862	
P870RA	Compu-shield	6	M			Kit	Sensormedics LED's & cable.
P871RA	D (Amp)	9	M			P873?	
P872RA	DPK1	10	F	Pins 2,3 & 0 missing.	✓	Original	No connector supplied
P873RA	D	9	M	Pins 2 & 8 missing.	✓	Original	
P875RA	Hypertronics	7	M	Pin 7 missing.		P876	Wire cross over
P876RA	Hypertronics	7	M	Pin 7 missing.	✓	Original	
P877RA	D	9	M	Pins 7, 8 & 9 missing		Kit	Sensormedics LED's & cable.
P878RA	Lemo	7	M			P858	Query cable length
P886RA					✓	Original	
P887RA	Hypertronics	12	M	Pins 5,6,7,8 & 12 missing.		P876	

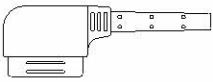
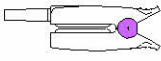
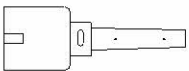
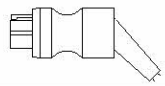
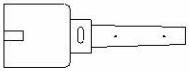
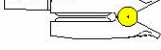
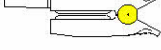
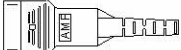
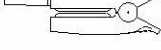
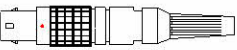
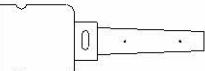
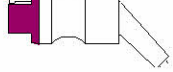
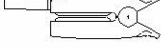
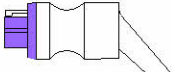
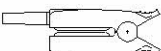
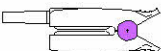
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Part number	Compatible manufacturer	Dot colour	Pad seat colour	Pad colour	Cable			Comments
					Colour & material	Length		
						Feet (ft)	Metres (m)	
P856RA	Nellcor	Blue	Blue	White	White PVC	3	0.90	
P857RA	Spacelabs	White	Blue	White	White PVC	10	3.00	
P858RA	Nellcor	Blue	Blue	White	White PVC	12	3.65	
P859RA	Pace Tech	White	Blue	White	White PVC	12	3.65	
P860RA	Baxter	White	Blue	White	White PVC	12	3.65	
P861RA	BCI	Orange	Orange	White	White PVC	3	0.90	
P862RA	Criticare	Purple	Purple	White	White PVC	10	3.00	
P863RA	Datascope	White	Green	Black	White PVC	3	0.90	
P864RA	Datascope	White	Green	Black	White PVC	12	3.65	
P865RA	Sensormedics	White	White	White	White PVC	3	0.90	Non in stock until we receive new batch of Sensormedics LED's.
P867RA	Ohmeda	Green	Green	Black	White PVC	12	3.65	
P869RA	Criticare	Purple	Purple	White	White PVC	3	0.90	
P870RA	Critikon	White	White	White	White PVC	3	0.90	Discontinued, replaced by P865RA.
P871RA	Nonin	White	Tan	White	White PVC	3	0.90	
P872RA	Datex	Tan	Tan	White	White PVC	12	3.65	
P873RA	Datex	Tan	Tan	White	White PVC	3	0.90	
P875RA	Novametrix	Yellow	Yellow	Black	White PVC	10	3.00	
P876RA	Novametrix	Yellow	Yellow	Black	White PVC	10	3.00	
P877RA	Critikon	White	White	White	White PVC	3	0.90	Non in stock until we receieve new batch of Sensormedics LED's.
P878RA	Invivo	White	Blue	White	White PVC	10	3.00	
P886RA	Kontron	?	?	White	White PVC	12	3.65	Not released yet due to unavailability of connectors.
P887RA	Spacelabs	Yellow	Yellow	Black	White PVC	12	3.65	Unissued part number.

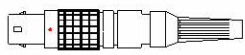
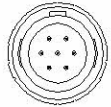
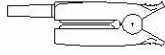
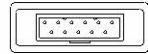
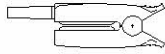
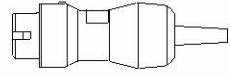
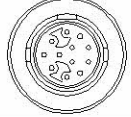
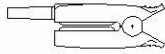
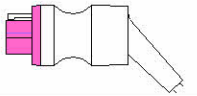
Finger Probe Chart

			Nihon / Kohden	852RA 0018520	10 ft 3m
			Odham Bruker	853RA 0018530	10 ft 3m
			Medlab/ Comdek	854RA 0018540	10 ft 3m
			BCI	855RA 0018550	10 ft 3m
			Nellcor	856RA 0018560	3 ft 0.9m
			Spaelabs	857RA 0018570	10 ft 3m
			Nellcor	858RA 0018580	12ft 3.65m
			Pacetech	859RA 0018590	12ft 3.65m
			Simed Baxter	860RA 0018600	12ft 3.65m
			BCI	861RA 0018610	3 ft 0.9m
			Criticare	862RA 0018620	10 ft 3m
			Datascope	863RA 0018630	3 ft 0.9m
			Datascope	864RA 0018640	12ft 3.65m
			Sensormedics	865RA 0018650	3 ft 0.9m
			Simed Baxter	866RA 0018660	12ft 3.65m
			Ohmeda	867RA 0018670	12ft 3.65m
			Criticare	868RA 0018680	3 ft 0.9m
			Criticare	869RA 0018690	3 ft 0.9m

Finger Probe Chart

			Criticare	870RA 0018700	10 ft 3m
			Nonin	871RA 0018710	3 ft 0.9m
			Datex	872RA 0018720	12ft 3.65m
			Datex	873RA 0018730	3 ft 0.9m
			Palco	874RA 0018740	3 ft 0.9m
			Novamatrix	875RA 0018750	10 ft 3m
			Novamatrix	876RA 0018760	10 ft 3m
			Critikon	877RA 0018770	3 ft 0.9m
			Invivo	878RA 0018780	10 ft 3m
			Artema	879RA 0018790	12ft 3.65m
			Novamatrix	885RA 0018850	3ft 0.9m
			Kontron	886RA 0018860	12ft 3.65m
			Spaelabs	887RA 0018870	10 ft 3m
			S&W	888RA 0018880	12ft 3.65m
			Criticare	889RA 0018890	10 ft 3m
			Critikon & Sensormedics	890RA 0018900	10 ft 3m

Finger Probe Chart

			Critikon	891RA 0018910	10 ft 3m
			Marquette	892RA 0018920	10 ft 3m
			Hewlett Packard	895RA 0018950	10 ft 3m
			S&W	896RA 0018960	12ft 3.65m

SpO₂ Finger Probe Details

04 June 2004

Model	Compatible manufacturer	Length M (ft)	Connector type	Model	Document Name VM3/COP/.....
854RA	Medlab/Comdek	3 (10)	Redel M-7	854RA	VM3/COP/32.01
855RA	BCI	3 (10)	Redel M-7	855RA	VM3/COP/32.02
856RA	Nellcor	0.9 (3)	D-M-9	856RA	VM3/COP/32.03
857RA	Spacelabs	3 (10)	Hypertronics M-12	857RA	VM3/COP/32.04
858RA	Nellcor	3.65 (12)	D-M-9	858RA	VM3/COP/32.05
859RA	Pace Tech	3.65 (12)	Switchcraft F-5	859RA	VM3/COP/32.06
860RA	Simed Baxter	3.65 (12)	Hypertronics M-9	860RA	VM3/COP/32.07
861RA	BCI	0.9 (3)	D-M-9	861RA	VM3/COP/32.08
	BCI	Pre made		"	VM3/COP/32.08.1
862RA	Criticare	3 (10)	Lemo M-5	862RA	VM3/COP/32.09
863RA	Datascope	0.9 (3)	D-M-9	863RA	VM3/COP/32.10
864RA	Datascope	3.65 (12)	DIN M-8	864RA	VM3/COP/32.11
865RA	Sensormedics	0.9 (3)	Compu-shield	865RA	VM3/COP/32.12
866RA	Simed Baxter	3.65 (12)	Hypertronics M-9	866RA	VM3/COP/32.13
867RA	Ohmeda	3.65 (12)	Hypertronics M-9	867RA	VM3/COP/32.13
868RA	Criticare	0.9 (3)	D-M-9 (90 degree)	868RA	VM3/COP/32.35
869RA	Criticare	0.9 (3)	D-M-9	869RA	VM3/COP/32.15
870RA	Criticare	3 (10)	D-M-9 (90 degree)	870RA	VM3/COP/32.36
871RA	Nonin	0.9 (3)	D-M-9	871RA	VM3/COP/32.16
	Nonin	Pre made		"	VM3/COP/32.16.1
872RA	Datex	3.65 (12)	DPK1 F-10	872RA	VM3/COP/32.17
873RA	Datex	0.9 (3)	D-M-9	873RA	VM3/COP/32.18
874RA	Palco	0.9 (3)	Sub-min	874RA	VM3/COP/32.19
875RA	Novametrix	3 (10)	Hypertronics M-7	875RA	VM3/COP/32.20
876RA	Novametrix	3 (10)	Hypertronics M-7	876RA	VM3/COP/32.21
877RA	Critikon	0.9 (3)	D-M-9	877RA	VM3/COP/32.22
878RA	Invivo	3 (10)	Lemo M-7	878RA	VM3/COP/32.23
879RA	Artema	3.65 (12)	SPK1-A M-12	879RA	VM3/COP/32.24
885RA	Novametrix	0.9 (3)	D-M-9	885RA	VM3/COP/32.25
886RA	Kontron	3.65 (12)	SPK1-A M-12	886RA	VM3/COP/32.26
887RA	Spacelabs	3 (10)	Hypertronics M-12	887RA	VM3/COP/32.27
888RA	S&W	3.65 (12)	SPK1-O F-10	888RA	VM3/COP/32.28
889RA	Criticare	3 (10)	D-M-9	889RA	VM3/COP/32.29
890RA	Critikon & Sensormedics	3 (10)	Thorkom F-12	890RA	VM3/COP/32.30
891RA	Critikon	3 (10)	Lemo M-7	891RA	VM3/COP/32.31
892RA	Marquette	3 (10)	Marquette M-11	892RA	Not made Yet
895RA	Hewlett Packard	3 (10)	HP M-12	895RA	No confirmation
896RA	S&W	3.65 (12)	SPK1-N F-10	896RA	VM3/COP/32.34
Next Available Document Number				VM3/COP/32.37	

SpO₂ Finger Probes Index
Drawings Confirmation

Model	Compatible Manufacturer	Length M (ft)	Drawing Number	Date checked	Notes	Model
854RA	Medlab/Comdek	3 (10)	SPF-854	31/05/02		854RA
855RA	BCI	3 (10)	SPF-855	31/05/02		855RA
856RA	Nellcor	0.9 (3)	SPF-856	31/05/02		856RA
857RA	Spacelabs	3 (10)	SPF-857	31/05/02		857RA
858RA	Nellcor (UDT)	3.65 (12)	SPF-858	31/05/02		858RA
859RA	Pace Tech	3.65 (12)	SPF-859	31/05/02	Needs confirmation	859RA
860RA	Simed Baxter	3.65 (12)	SPF-860	31/05/02		860RA
861RA	BCI (Viamed)	0.9 (3)	SPF-861	31/05/02		861RA
	BCI(UDT)		SPF-861.1	31/05/02		
862RA	Criticare	3 (10)	SPF-862	31/05/02		862RA
863RA	Datascope	0.9 (3)	SPF-863	31/05/02		863RA
864RA	Datascope	3.65 (12)	SPF-864	31/05/02		864RA
865RA	Sensormedics	0.9 (3)	SPF-865	31/05/02		865RA
866RA	Simed Baxter	3.65 (12)	SPF-866	31/05/02		866RA
867RA	Ohmeda	3.65 (12)		31/05/02	Needs confirmation	867RA
869RA	Criticare (UDT)	0.9 (3)	SPF-869	31/05/02		869RA
	Criticare (Viamed)		SPF-869.1	31/05/02		
871RA	Nonin (Viamed)	0.9 (3)	SPF-871	31/05/02		871RA
	Nonin (UDT)		SPF-871.1	31/05/02		
872RA	Datex	3.65 (12)	SPF-872	31/05/02		872RA
873RA	Datex	0.9 (3)	SPF-873	31/05/02		873RA
874RA	Palco	0.9 (3)	SPF-874	31/05/02		874RA
875RA	Novametrix	3 (10)	SPF-875	31/05/02		875RA
876RA	Novametrix	3 (10)	SPF-876	31/05/02		876RA
877RA	Critikon	0.9 (3)	SPF-877	31/05/02		877RA
878RA	Invivo	3 (10)	SPF-878	31/05/02		878RA
879RA	Artema	3.65 (12)	SPF-879	31/05/02		879RA
885RA	Novametrix	0.9 (3)	SPF-885	31/05/02	Don't Make	885RA
886RA	Kontron	3.65 (12)	SPF-886	31/05/02		886RA
887RA	Spacelabs	3 (10)	SPF-887	31/05/02		887RA
888RA	S&W	3.65 (12)	SPF-888	31/05/02		888RA
889RA	Criticare	3 (10)	SPF-889	31/05/02		889RA
890RA	Critikon & Sensormedics	3 (10)	SPF-890	31/05/02		890RA
891RA	Critikon	3 (10)	SPF-891	31/05/02		891RA
892RA	Marquette	3 (10)	SPF-892	31/05/02	Needs confirmation	892RA
895RA	Hewlett Packard	3 (10)	SPF-895	31/05/02	Needs confirmation	895RA
896RA	S&W	3.65 (12)	SPF-896	31/05/02		896RA

All the above documents have been checked and can be confirmed as being correct as of the date specified.

Approved By:

Name:

14 June 2004

SpO₂ Finger Probes Index
Drawings Confirmation

Job Title:

Dept:

Signature:

Date:/...../.....

Drawing No	Brief Description	Part No	Drawn	Date	Rev	No	Date	Change
SPF-854	MedlabComdek - Redel M7	0018540	J.N.	03.12.01				
SPF-855	BCI - Redel M7	0018550	J.N.	01.05.02				
SPF-856	Nellcor - D type M9	0018560	J.N.	29.01.02				
SPF-857	Spacelabs - Hype M12	0018570	J.N.	29.01.02				
SPF-858	Nellcor - D type M9	0018580	J.N.	29.01.02				
SPF-859	Pacotech - Switchcraft	0018590	J.N.	02.05.02				
SPF-860	SimedBaxter - Hype M9	0018600	J.N.	30.01.02				
SPF-861	BCI - D type M9	0018610	K.J.R.	16.10.03				
SPF-862	Criticare - Lemo M9	0018620	J.N.	29.01.02				
SPF-863	Datascope - D type M9	0018630	K.J.R.	16.10.03				
SPF-864	Datascope - DIN M8	0018640	K.J.R.	16.10.03				
SPF-865	Sensormedics - Comp M6	0018650	K.J.R.	29.09.03	A	1	16.10.03	Resistor Change to 18.7k
SPF-866	SimedBaxter - Hype M9	0018660	J.N.	30.01.02				
SPF-867	Ohmeda - Hype M9	0018670	J.N.	30.01.02				
SPF-868	Criticare (SC) - D type angle M9	0018680	K.J.R.	16.10.03				
SPF-869	Criticare - D type M9	0018690	J.N.	29.01.02				
SPF-869.1	Criticare (UDT) - D type M9	0018690	J.N.	06.06.02				
SPF-870	Criticare (SC)	0018700	K.J.R.	16.10.03				
SPF-871	Nonin - D type M9	0018710	J.N.	06.06.02				
SPF-872	Datex - DPK1 F10	0018720	J.N.	30.01.02				
SPF-873	Datex - D type M9	0018730	J.N.	30.01.02				
SPF-874	Palco - Sub-min	0018740	J.N.	03.05.02				
SPF-875	Novamatrix - Hype M7	0018750	J.N.	30.01.02				
SPF-876	Novamatrix - Hype M7	0018760	J.N.	30.01.02				
SPF-877	Critikon - D type M9	0018770	J.N.	30.01.02				
SPF-878	Invivo - Lemo M7	0018780	J.N.	30.01.02				
SPF-879	Artema - SPK1 A	0018790	J.N.	30.01.02				
SPF-885	Novamatrix - D type M9	0018850	K.J.R.	17.10.03				
SPF-886	Kontron - DPK1 M12	0018860	J.N.	31.01.02				
SPF-887	Spacelabs - Hype M12	0018870	J.N.	30.01.02				
SPF-888	S & W - SPK1 O	0018880	J.N.	30.01.02				
SPF-889	Criticare - D type M9	0018890	J.N.	29.01.02				
SPF-890	Critikon / Sensormedics- F12	0018900	J.N.	30.01.02				
SPF-891	Critikon - Lemo M7	0018910	K.J.R.	05.11.03				
SPF-892	Marquette - M11	0018920	K.J.R.	17.10.03				
SPF-895	Hewlet Packard - HP M12	0018950	K.J.R.	17.10.03				
SPF-896	S & W - SPK1 N	0018960	J.N.	30.01.02				