



Ion Chamber Cables

6 July 2010

-SERVING THE MEDICAL X-RAY FIELD SINCE 1969-

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ION CHAMBER CABLES

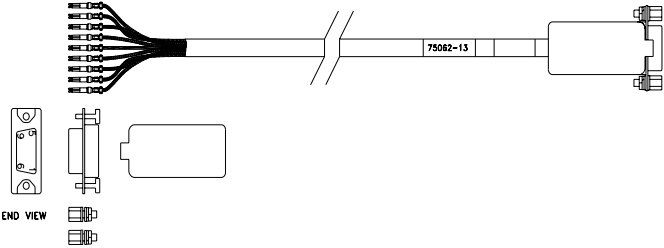
The “-XX” suffix in the cable part numbers denotes the length and may be 45, 65 or 85-foot lengths (“-45”, “-65” or “-85”) unless noted otherwise. Our standard cable length is 45 feet unless noted otherwise. Example: 75035-45 is a 45-foot standard ion chamber cable.

AID Part Number	Description	Ion Chamber Connector	AEC Connector
705399	ICX interconnection cable for Pausch USA	Female 9-pin sub-d (un-pinned version of 75062-13)	Male 9-pin sub-d with fixed mounting hardware
73107-XX	ICX cable with right angle connector for model A3300 AEC	Female 9-pin sub-d	Male 9-pin right angle sub-d
75006-XX	ICX286 Ion chamber cable	Female 9-pin sub-d	Male 10-pin In-line header (AMP 207396-1)
75007-XX	ICX303 Ion chamber cable	Female 15-pin sub-d	Male 14-pin AMP M Series (201355-1)
75013-XX	ICX211 Ion chamber cable	#6 fork lugs	Male 15-pin AMP Mate-N-Lock (1-480324-0)
75014-XX	Philips adapter Ion chamber cable	Female 15-pin sub-d	Male 12-pin Philips style
75015-XX	Philips compatible	Female 9-pin sub-d	Male 14-pin AMP M Series (201355-1)
75016-XX	A3100 compatible Ion chamber cable	Female 9-pin sub-d	Male 9-pin right angle sub-d w/mounting flange
75018-XX	ICX214 Ion chamber cable	Female 20-pin AMP M Series (200346-4)	Male 15-pin AMP Mate-N-Lock (1-480324-0)
75020-XX	2-1-3 / 1-2-3 field conversion Ion chamber cable	Female 9-pin sub-d	Male 9-pin sub-d
75028-XX & 75029-XX	2-1-3 / 1-2-3 field conversion Ion chamber cable with bail-latching quick connect	Female 9-pin sub-d	Male 9-pin sub-d
75030-XX	GE compatible (MSI, MST & DXS generators)	Female 9-pin sub-d	Male 15-pin AMP Mate-N-Lock (1-480324-0)
75035-XX	Standard ICX cable	Female 9-pin sub-d	Male 9-pin sub-d
75036-XX	1-2-3 = L-C-R Ion chamber cable	Female 9-pin sub-d	Female 15-pin Molex (1625-15P)
75043-XX	RMS/Fischer compatible	Female 9-pin sub-d	Male 14-pin AMP M Series (201355-1)
75045-XX	GE compatible (Advantex generators)	Female 9-pin sub-d	Male 14-pin AMP M Series (201355-1)
75046-XX	ICX210 & ICX949 Ion chamber cable	Female 14-pin AMP M Series (201298-1)	Male 14-pin AMP M Series (201355-1)
75047-XX	Picker compatible	Female 9-pin sub-d	Female 15-pin Molex (1625-15P)

AID Part Number	Description	Ion Chamber Connector	AEC Connector
75048-XX	GE Compatible (MPX and MVP generators)	Female 9-pin sub-d	Female 15-pin AMP M Series (205606-3)
75049-XX	ICX cable with flying leads	Female 9-pin sub-d	Supplied by installer
75053-XX	ICX210 & ICX949 Ion chamber cable (MSI, MST and DXS generators)	Female 14-pin AMP M Series (201298-1)	Male 15-pin AMP Mate-N-Lock (1-480324-0)
75054-XX	Picker Compatible	Female 9-pin sub-d	Male 3-pin Molex (03-06-1032) And Male 9-pin AMP (1-640511-0)
75059-40	Bennett Compatible (40 foot length only)	Female 9-pin sub-d	Female 11-pin in-line
75061-XX	ICX cable with fork lugs	Female 9-pin sub-d	#6 fork lugs
75062-XX	ICX interconnection cable	Female 9-pin sub-d	Male 9-pin sub-d with fixed mounting hardware
75064-XX	ICX211 Ion chamber cable	#6 fork lugs	Male 15-pin AMP Mate-N-Lock (1-480324-0)
75065-XX	ICX211 Ion chamber cable (MVP Micro & MPX generators)	#6 fork lugs	Female 15-pin AMP M Series (205606-3)
75066-XX	GE Compatible (European Pin-Out MPH Generators)	Female 9-pin sub-d	Male 14-Pin AMP M Series (201355-1)
75067-60	HMC Compatible (60 foot length only)	Female 9-pin sub-d	Female 10-Pin 0.1-Inch Center Line AMP (102387-1)
75068-XX	Toshiba Compatible	Male 14-Pin Centronics parallel	Female 14-Pin Centronics parallel
75069-XX	Toshiba Interconnection (mates with 75068-XX Toshiba P/N 4X17-51281)	Female 9-pin sub-d	Female 14-Pin Centronics parallel
75070-XX	ICX111 Ion chamber cable	#6 fork lugs	Male 9-pin sub-d
75073-XX	Siemens Compatible Ion Chamber Cable	Female 9-pin sub-d	Female 14-Pin AMP M Series (201355-1)
75075-XX	ICX110 3-Field ion chamber cable	Female 14-pin AMP M Series (201298-1)	Male 9-pin sub-d
75077-XX	ICX100 Spot-field ion chamber cable	Female 14-pin AMP M Series (201298-1)	Male 9-pin sub-d
75079-XX	ICX100 Spot-field ion chamber cable with flying leads	Female 14-pin AMP M Series (201298-1)	Supplied by installer
75080-XX	ICX300 Series Philips Optimus	Female 9-pin sub-d	Male 15-pin sub-d

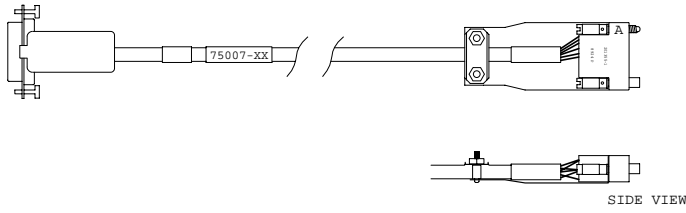
AID Part Number	Description	Ion Chamber Connector	AEC Connector
75081-XX	ICX811 Picker Adapter Ion chamber cable	#6 fork lugs	Female 15-pin Molex (1625-15P)
75082-XX	Ion chamber cable with flying leads	Female 14-pin AMP M Series (201298-1)	Supplied by installer
75084-XX	ICX937 interconnection cable (for GEMS European PIN-OUT MPH generators)	Female 9-pin sub-d	Male 14-pin amp m series (201355-1)
75086-XX	ICX967 inter connection cable (for GEMS European PIN-OUT MPH generators)	Female 15-pin AMP Modu	Female 14-pin amp m series (201298-1)
75089-XX	GE compatible MPH and PROTEUS generators (European pin-out)	Female 9-pin sub-d	Male 14-pin amp m series (201355-1)
75090-XX	Shimadzu Compatible For: ICX1** series ion chambers To: PH CONT-2002 AEC board	Female 9-pin sub-d	Female 9-pin in-line with shield lug
75091-XX	ICX967 GE Compatible Proteus and Emperor Generators	Female 15-pin SIP AMP Modu	Female 14-pin AMP M Series (201298-1)
75092-XX	Shimadzu Compatible For: ICX0**S series ion chambers To: PH CONT-2001 and PH CONT-96 AEC board	Female 9-pin sub-d	Female 9-pin in-line
75093-XX	GE Compatible Proteus and Emperor Generators	Female 9-pin sub-d	Female 14-pin AMP M Series (201298-1)
75095-13	ICX interconnection cable with pins 4 & 5 crossed at male end	Female 9-pin sub-d	Male 9-pin sub-d with fixed mounting hardware

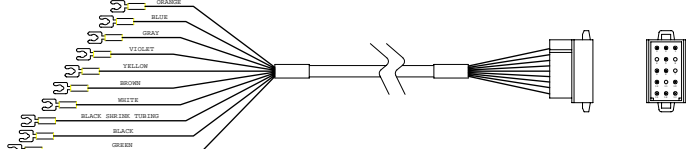
705399

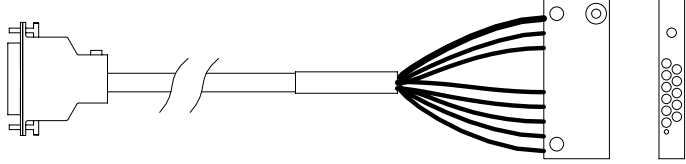
ION CHAMBER CONNECTOR	ION CHAMBER CABLE KIT 75062-13 UN-PINNED AT FEMALE END WITH ADDITIONAL FEMALE HARDWARE		AEC CONNECTOR
FEMALE 9-PIN SUB-D (un-pinned)			MALE 9-PIN SUB-D
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	1
2	BROWN	FIELD 2 SELECT	2
3	RED	FIELD 1 SELECT	3
4	ORANGE	START INTEGRATING	4
5	YELLOW	OUTPUT	5
6	GREEN	FIELD 3 SELECT	6
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	8
9	WHITE	GROUND	9
9	CLEAR	SHIELD	N/C

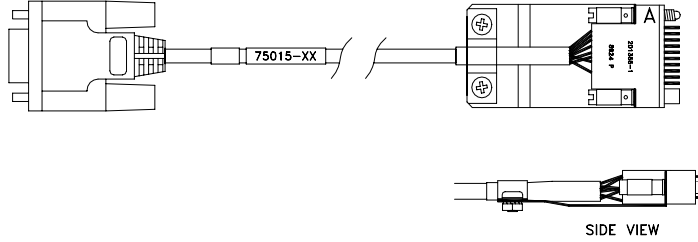
73107-XX			
ION CHAMBER CONNECTOR	STANDARD ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 9-PIN SUB-D
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	1
2	BROWN	FIELD 2 SELECT	2
3	RED	FIELD 1 SELECT	3
4	ORANGE	RESET	4
5	YELLOW	OUTPUT	5
6	GREEN	FIELD 3 SELECT	6
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	8
9	WHITE	GROUND	9
9	CLEAR	SHIELD	N/C

75006-XX			
ION CHAMBER CONNECTOR	ICX286 ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 10-PIN IN-LINE HEADER (AMP 207396-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 2 SELECT	3
3	RED	FIELD 1 SELECT	2
4	ORANGE	RESET	5
5	YELLOW	OUTPUT	1
6	GREEN	FIELD 3 SELECT	4
7	BLUE	-15VDC	8
8	VIOLET	+15VDC	7
9	WHITE	GROUND	9
N/C	BLACK TUBING	SHIELD	10

75007-XX			
ION CHAMBER CONNECTOR	ICX303 ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 15-PIN SUB-D			MALE 14-PIN AMP M SERIES (201355-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	L
2	BROWN	FIELD 2 SELECT	A
3	RED	FIELD 1 SELECT	D
4	ORANGE	RESET	E
5	YELLOW	OUTPUT	R
6	GREEN	FIELD 3 SELECT	H
7	BLUE	-15VDC	P
8	VIOLET	+15VDC	N
9	WHITE	GROUND	J
9	CLEAR	SHIELD	N/C
10-15	NONE	NONE	N/C

75013-XX			
ION CHAMBER CONNECTOR	ICX211 ION CHAMBER CABLE		AEC CONNECTOR
#6 FORK LUGS			MALE 15-PIN AMP MATE-N-LOCK (1-480324-0)
ICX211 TS PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	ORANGE	+15VDC	8
2	BLUE	-15VDC	10
3	GRAY	RESET (START INTEGRATING)	15
4	PURPLE	LEFT FIELD SELECT	12
5	YELLOW	CENTER FIELD SELECT	13
6	BROWN	RIGHT FIELD SELECT	14
7	WHITE	OUTPUT	1
8	BLACK	SIGNAL GROUND	2
9	NONE	NONE	N/C
10	GREEN	RELAY GROUND	5
11-12	NONE	NONE	N/C
N/C	GREEN	JUMPER TO PIN 9	3
N/C	GREEN	JUMPER TO PIN 3	9

75014-XX			
ION CHAMBER CONNECTOR	PHILIPS ADAPTOR ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 15-PIN SUB-D			MALE 12-PIN PHILIPS STYLE
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	05
2	BROWN	FIELD 2 SELECT	01
3	RED	FIELD 1 SELECT	02
4	ORANGE	RESET (START INTEGRATING)	04
5	YELLOW	OUTPUT	07
6	GREEN	FIELD 3 SELECT	03
7	BLUE	-15VDC	06
8	VIOLET	+15VDC	09
9	WHITE	GROUND	08
9	CLEAR	SHIELD	N/C
10-15	NONE	NONE	N/C

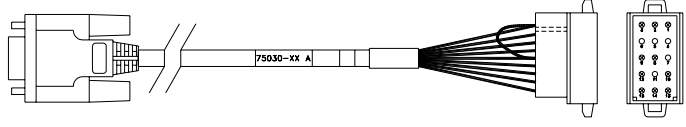
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ION CHAMBER CONNECTOR	PHILIPS COMPATIBLE ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 14-PIN AMP M SERIES (201355-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PHILIPS PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 2 SELECT	A
3	RED	FIELD 1 SELECT	D
4	ORANGE	RESET (START INTEGRATING)	E
5	YELLOW	OUTPUT	R
6	GREEN	FIELD 3 SELECT	H
7	BLUE	-15VDC	P
8	VIOLET	+15VDC	N
9	WHITE	GROUND	J
9	CLEAR	SHIELD	N/C

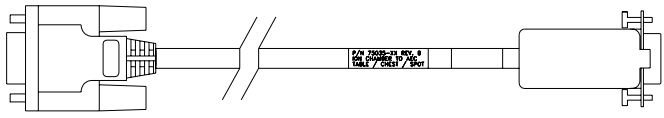
75016-XX			
ION CHAMBER CONNECTOR	EXPOS-AID AEC MODEL A3100 COMPATIBLE ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 9-PIN SUB-D
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	1
2	BROWN	FIELD 2 SELECT	2
3	RED	FIELD 1 SELECT	3
4	ORANGE	RESET (START INTEGRATING)	4
5	YELLOW	OUTPUT	5
6	GREEN	FIELD 3 SELECT	6
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	8
9	WHITE	GROUND	9
9	CLEAR	SHIELD	N/C

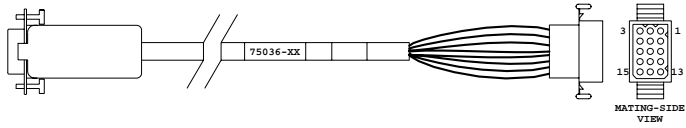
75018-XX			
ION CHAMBER CONNECTOR	ICX214 ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 20-PIN AMP M SERIES (200346-4)			MALE 15-PIN AMP MATE-N-LOCK (1-480324-0)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
B	WHITE	OUTPUT	1
L	BLACK	GROUND	2
L	CLEAR	SHIELD	N/C
N/C	GREEN	JUMPER TO PIN 9	3
C	ORANGE	+15VDC	8
N/C	GREEN	JUMPER TO PIN 3	9
F	BLUE	-15VDC	10
H	VIOLET	LEFT FIELD SELECT	12
D	YELLOW	CENTER FIELD SELECT	13
A	BROWN	RIGHT FIELD SELECT	14
J	GRAY	RESET (START INTEGRATING)	15

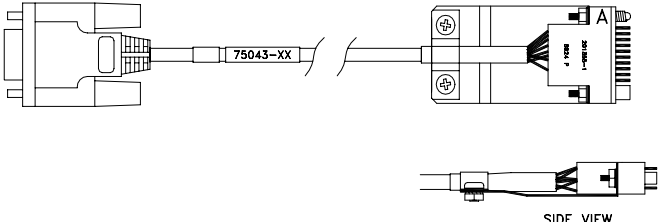
75020-XX			
ION CHAMBER CONNECTOR	CONTINENTAL 2-1-3 / 1-2-3 CONVERSION ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 9-PIN SUB-D
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	1
3	BROWN	FIELD 1 SELECT	2
2	RED	FIELD 2 SELECT	3
4	ORANGE	RESET	4
5	YELLOW	OUTPUT	5
6	GREEN	FIELD 3 SELECT	6
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	8
9	WHITE	GROUND	9
9	CLEAR	SHIELD	N/C

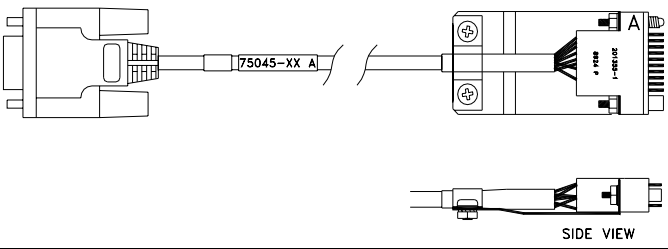
75028-XX & 75029-XX			
ION CHAMBER CONNECTOR	2-1-3 / 1-2-3 CONVERSION ION CHAMBER CABLE WITH BAIL-LATCHING QUICK CONNECT (75028 STANDARD LENGTH IS 45 FEET) (75029 STANDARD LENGTH IS 3 INCHES)		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 9-PIN SUB-D
75029 PIN NUMBER	WIRE COLOR	FUNCTION	75028 PIN NUMBER
1	BLACK	NONE	1
3	BROWN	FIELD 1 SELECT	2
2	RED	FIELD 2 SELECT	3
4	ORANGE	RESET	4
5	YELLOW	OUTPUT	5
6	GREEN	FIELD 3 SELECT	6
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	8
9	WHITE	GROUND	9
9	CLEAR	SHIELD	N/C

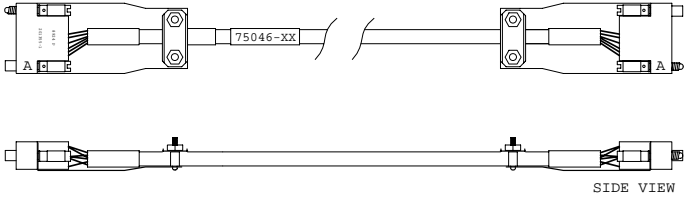
75030-XX			
ION CHAMBER CONNECTOR	GE COMPATIBLE (MSI, MST, DXD AND DXS GENERATOR) ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 15-PIN AMP MATE-N-LOCK (1-480324-0)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	LEFT FIELD SELECT	12
3	RED	CENTER FIELD SELECT	13
4	ORANGE	RESET (START INTEGRATING)	15
5	YELLOW	OUTPUT	1
6	GREEN	RIGHT FIELD SELECT	14
7	BLUE	-15VDC	10
8	VIOLET	+15VDC	8
9	WHITE	GROUND	2
9	SHIELD	SHIELD	N/C
N/C	GREEN	JUMPER	3 TO 9
N/C	NONE	NONE	4,5,6,7,11

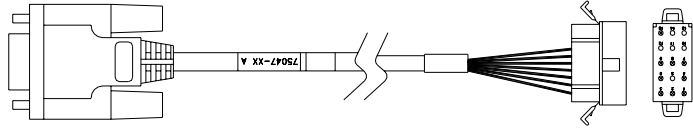
75035-XX			
ION CHAMBER CONNECTOR	ION CHAMBER CABLE WITH STRAIGHT CONNECTOR SHELLS		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 9-PIN SUB-D
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	1
2	BROWN	FIELD 2 SELECT	2
3	RED	FIELD 1 SELECT	3
4	ORANGE	RESET	4
5	YELLOW	OUTPUT	5
6	GREEN	FIELD 3 SELECT	6
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	8
9	WHITE	GROUND	9
9	CLEAR	SHIELD	N/C

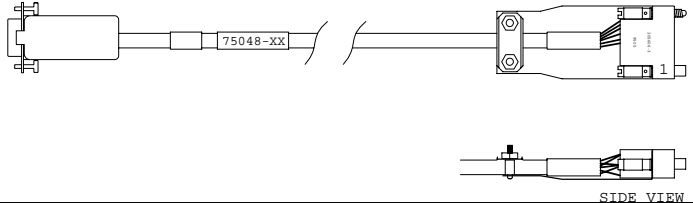
75036-XX			
ION CHAMBER CONNECTOR	1-2-3 = L-C-R ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 15-PIN MOLEX (1625-15P)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 2 SELECT	2
3	RED	FIELD 1 SELECT	1
4	ORANGE	RESET	4
5	YELLOW	OUTPUT	8
6	GREEN	FIELD 3 SELECT	3
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	6
9	WHITE	GROUND	9
N/C	CLEAR	SHIELD	5

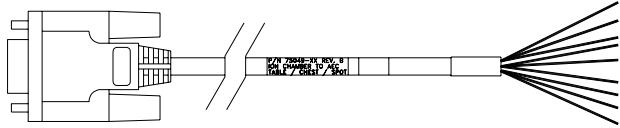
75043-XX			
ION CHAMBER CONNECTOR	RMS/FISCHER COMPATIBLE ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 14-PIN AMP M SERIES (201355-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	P
2	BROWN	FIELD 2 SELECT	K
3	RED	FIELD 1 SELECT	J
4	ORANGE	RESET (START INTEGRATING)	R
5	YELLOW	OUTPUT	B
6	GREEN	FIELD 3 SELECT	H
7	BLUE	-15VDC	F
8	VIOLET	+15VDC	D
9	WHITE	GROUND	C
9	CLEAR	SHIELD	N/C

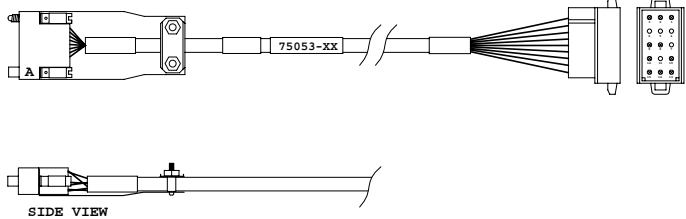
75045-XX			
ION CHAMBER CONNECTOR	GE COMPATIBLE (ADVANTECH GENERATORS) ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 14-PIN AMP M SERIES (201355-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 2 SELECT	D
3	RED	FIELD 1 SELECT	H
4	ORANGE	RESET (START INTEGRATING)	J
5	YELLOW	OUTPUT	B
6	GREEN	FIELD 3 SELECT	A
7	BLUE	-15VDC	F
8	VIOLET	+15VDC	C
9	WHITE	GROUND	L
9	CLEAR	SHIELD	N/C

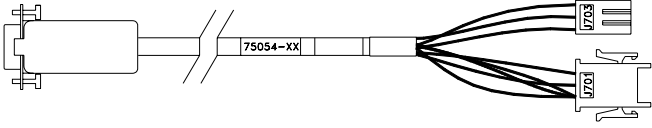
75046-XX			
ION CHAMBER CONNECTOR	GE COMPATIBLE ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 14-PIN AMP M SERIES (201298-1)			MALE 14-PIN AMP M SERIES (201355-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
A	BLACK	FIELD 3 SELECT	A
B	BROWN	OUTPUT	B
C	RED	+15VDC	C
D	ORANGE	FIELD 2 SELECT	D
E	YELLOW	NONE	E
F	GREEN	-15VDC	F
H	BLUE	FIELD 1 SELECT	H
J	VIOLET	RESET (START INTEGRATING)	J
K	CLEAR	SHIELD	N/C
L	WHITE	GROUND	L

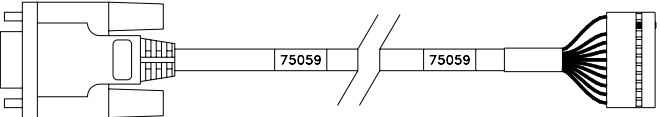
75047-XX			
ION CHAMBER CONNECTOR	PICKER ADAPTOR ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 15-PIN MOLEX (1625-15P)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
2	BROWN	FIELD 1 SELECT	1
3	RED	FIELD 2 SELECT	2
6	ORANGE	FIELD 3 SELECT	3
4	YELLOW	RESET (EXPOSURE ALE)	4
8	BLUE	+15VDC	6
7	VIOLET	-15VDC	7
5	BLACK	OUTPUT	8
9	WHITE	GROUND	9
N/C	CLEAR	SHIELD	15

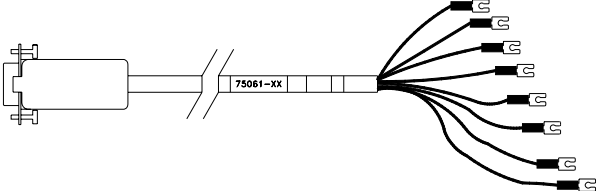
75048-XX			
ION CHAMBER CONNECTOR	GE COMPATIBLE (MPX & MVP MICRO GENERATORS) ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 15-PIN AMP M SERIES (205606-3)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 1 SELECT	9
3	RED	FIELD 2 SELECT	10
4	ORANGE	RESET (START INTEGRATING)	8
5	YELLOW	OUTPUT	14
6	GREEN	FIELD 3 SELECT	7
7	BLUE	-15VDC	12
8	VIOLET	+15VDC	11
9	WHITE	GROUND	6 & 13
9	CLEAR	SHIELD	N/C

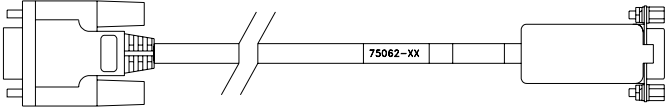
75049-XX			
ION CHAMBER CONNECTOR	ION CHAMBER CABLE WITH FLYING LEADS		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FLYING LEADS CONNECTOR SUPPLIED BY INSTALLER
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 2 SELECT	N/C
3	RED	FIELD 1 SELECT	N/C
4	ORANGE	RESET (START INTEGRATING)	N/C
5	YELLOW	OUTPUT	N/C
6	GREEN	FIELD 3 SELECT	N/C
7	BLUE	-15VDC	N/C
8	VIOLET	+15VDC	N/C
9	WHITE	GROUND	N/C
9	CLEAR	SHIELD	N/C

75053-XX			
ION CHAMBER CONNECTOR	ICX949 ION CHAMBER CABLE GE COMPATIBLE (MSI, MST AND DXS GENERATOR)		AEC CONNECTOR
FEMALE 14-PIN AMP M SERIES (201298-1)			MALE 15-PIN AMP MATE-N-LOCK (1-480324-0)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
B	WHITE	OUTPUT	1
L	BLACK	GROUND	2
L	CLEAR	SHIELD	N/C
N/C	GREEN	JUMPER TO PIN 9	3
C	ORANGE	+15VDC	8
N/C	GREEN	JUMPER TO PIN 3	9
F	BLUE	-15VDC	10
H	VIOLET	LEFT FIELD SELECT	12
D	YELLOW	CENTER FIELD SELECT	13
A	BROWN	RIGHT FIELD SELECT	14
J	GRAY	RESET (START INTEGRATING)	15

75054-XX			
ION CHAMBER CONNECTOR	ION CHAMBER CABLE PICKER COMPATIBLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 3-PIN (J703) AND MALE 9-PIN (J701)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 2 SIGNAL	J703-1
3	RED	FIELD 1 SIGNAL	J703-2
4	ORANGE	RESET	J701-8
5	YELLOW	OUTPUT	J701-6
6	GREEN	FIELD 3 SIGNAL	J703-3
7	BLUE	-15VDC	J701-9
8	VIOLET	+15VDC	J701-7
9	WHITE	GROUND	J701-3
9	CLEAR	SHIELD	N/C

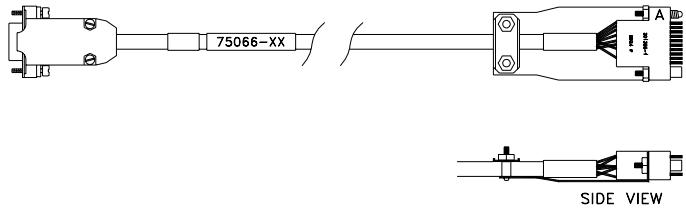
75059-40			
ION CHAMBER CONNECTOR	ION CHAMBER CABLE BENNETT COMPATIBLE (40-FOOT LENGTH ONLY)		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 11-PIN IN-LINE
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	YELLOW	BIAS VOLTAGE	1
N/C	NONE	KEY PLUG	2
9	BLACK	GROUND	3
3	WHITE	FIELD 1 SELECT	4
2	ORANGE	FIELD 2 SELECT	5
6	VIOLET	FIELD 3 SELECT	6
9	CLEAR	SHIELD	7
4	GREEN	RESET (START INTEGRATING)	8
5	BLUE	OUTPUT	9
8	RED	+15VDC	10
7	BROWN	-15VDC	11

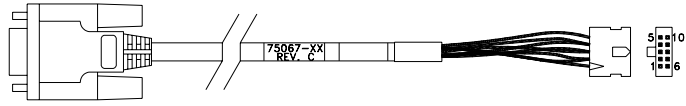
75061-XX			
ION CHAMBER CONNECTOR	ION CHAMBER CABLE WITH FORK LUGS		AEC CONNECTOR
FEMALE 9-PIN SUB-D			#6 FORK LUGS
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/A
2	BROWN	FIELD 2 SELECT	N/A
3	RED	FIELD 1 SELECT	N/A
4	ORANGE	RESET	N/A
5	YELLOW	OUTPUT	N/A
6	GREEN	FIELD 3 SELECT	N/A
7	BLUE	-15VDC	N/A
8	VIOLET	+15VDC	N/A
9	WHITE	GROUND	N/A
9	CLEAR	SHIELD	N/C

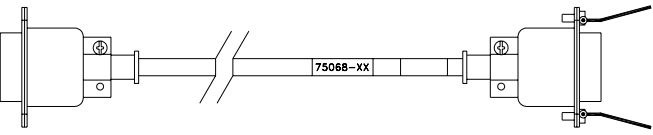
75062-XX			
ION CHAMBER CONNECTOR	ION CHAMBER INTERCONNECTION CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 9-PIN SUB-D
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	1
2	BROWN	FIELD 2 SELECT	2
3	RED	FIELD 1 SELECT	3
4	ORANGE	RESET	4
5	YELLOW	OUTPUT	5
6	GREEN	FIELD 3 SELECT	6
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	8
9	WHITE	GROUND	9
9	CLEAR	SHIELD	N/C

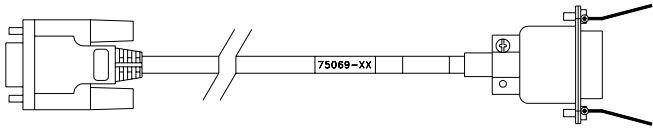
75064-XX			
ION CHAMBER CONNECTOR	ICX211 ION CHAMBER CABLE		AEC CONNECTOR
#6 FORK LUGS			MALE 15-PIN AMP MATE-N-LOCK (1-480324-0)
ICX211 TS PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	ORANGE	+15VDC	C
2	BLUE	-15VDC	F
3	GRAY (RED)	RESET (START INTEGRATING)	J
4	PURPLE	LEFT FIELD SELECT	H
5	YELLOW	CENTER FIELD SELECT	D
6	BROWN	RIGHT FIELD SELECT	A
7	WHITE	OUTPUT	B
8	BLACK	SIGNAL GROUND	L
9-12	NONE	NONE	E,K,M,N,P,R

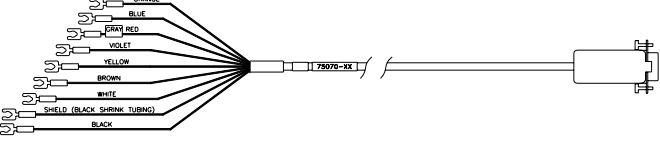
75065-XX			
ION CHAMBER CONNECTOR	ICX211 ION CHAMBER CABLE GE COMPATIBLE (MVP MICRO & MPX GENERATORS)		AEC CONNECTOR
#6 FORK LUGS			FEMALE 15-PIN AMP M SERIES (205606-3)
ICX211 TS PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	ORANGE	+15VDC	11
2	BLUE	-15VDC	12
3	GRAY (RED)	RESET (START INTEGRATING)	8
4	PURPLE	FIELD 1 SELECT	10
5	YELLOW	FIELD 2 SELECT	9
6	BROWN	FIELD 3 SELECT	7
7	WHITE	OUTPUT	14
8	BLACK	GROUND	6 & 13
8	CLEAR	SHIELD	N/C
9-12	NONE	NONE	1,2,3,4,5 & 15

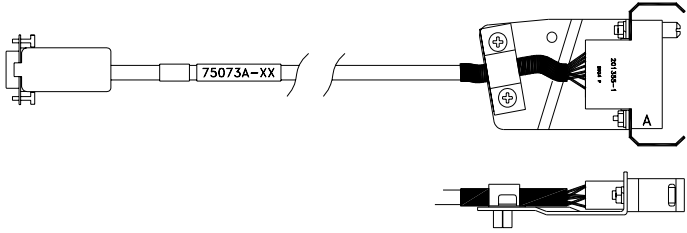
75066-XX			
ION CHAMBER CONNECTOR	GE COMPATIBLE for use with ICX247, INX247 and ICX937 (EUROPEAN PIN-OUT MPH GENERATORS)		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 14-PIN AMP M SERIES (201355-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 2 SELECT	K
3	RED	FIELD 1 SELECT	J
4	ORANGE	OUTPUT	D
5	YELLOW	RESET (START INTEGRATION)	H
6	GREEN	FIELD 3 SELECT	F
7	BLUE	-15VDC	C
8	VIOLET	+15VDC	A
9	WHITE	GROUND (15V RETURN)	B
PIN-9 AND CONNECTOR BACKSHELL	CLEAR	SHIELD	N/C

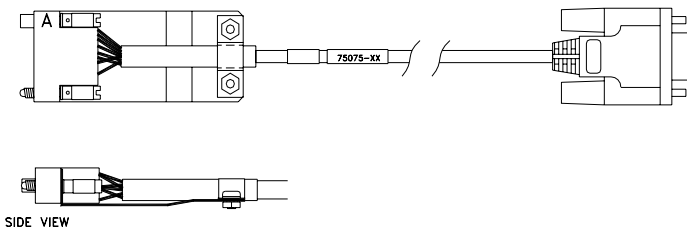
75067-XX			
ION CHAMBER CONNECTOR	HMC COMPATIBLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 10-PIN AMP 0.1-INCH CENTER LINE (102387-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 2 SELECT	2
3	RED	FIELD 1 SELECT	3
4	ORANGE	RESET (START INTEGRATION)	4
5	YELLOW	OUTPUT	5
6	GREEN	FIELD 3 SELECT	6
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	8
9	WHITE	GROUND	9
9	CLEAR	SHIELD	N/C

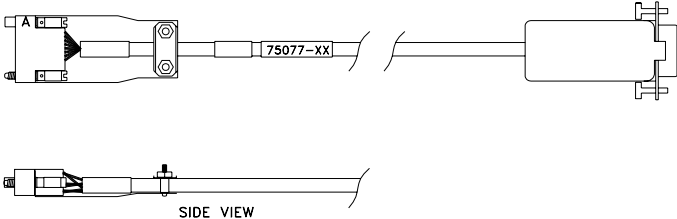
75068-XX			
ION CHAMBER CONNECTOR	ION CHAMBER CABLE TOSHIBA COMPATIBLE		AEC CONNECTOR
MALE 14-PIN CENTRONICS PARALLEL			FEMALE 14-PIN CENTRONICS PARALLEL
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1,3,5,7,8,9,11&13	NONE	NO CONNECTION	1,3,5,7,8,9,11&13
2	BROWN	-15VDC	2
4	BLACK	GROUND	4
4	CLEAR	SHIELD	N/C
6	RED	+15VDC	6
10	VIOLET	FIELD 3 SIGNAL	10
12	WHITE	FIELD 2 SIGNAL	12
14	ORANGE	FIELD 1 SIGNAL	14

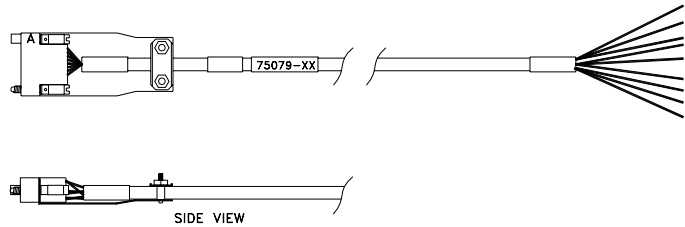
75069-XX			
ION CHAMBER CONNECTOR	ION CHAMBER INTERCONNECTION CABLE TOSHIBA COMPATIBLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 14-PIN CENTRONICS PARALLEL
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	YELLOW	NONE	N/C
2	ORANGE	FIELD 1 SIGNAL	14
3	WHITE	FIELD 2 SIGNAL	12
4	GREEN	NONE	N/C
5	BLUE	NONE	N/C
6	VIOLET	FIELD 3 SIGNAL	10
7	BROWN	-15VDC	2
8	RED	+15VDC	6
9	BLACK	GROUND	4
9	CLEAR	SHIELD	N/C

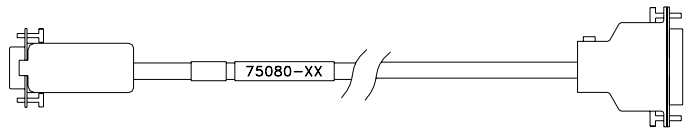
75070-XX			
ION CHAMBER CONNECTOR	ICX111 ION CHAMBER CABLE		AEC CONNECTOR
#6 FORK LUGS			MALE 9-PIN SUB-D
ICX211 TS PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	ORANGE	+15VDC	8
2	BLUE	-15VDC	7
3	GRAY (RED)	RESET (START INTEGRATING)	4
4	PURPLE	LEFT FIELD SELECT	2
5	YELLOW	CENTER FIELD SELECT	3
6	BROWN	RIGHT FIELD SELECT	6
7	WHITE	OUTPUT	5
8	BLACK	SIGNAL GROUND	9
8	CLEAR	SHIELD	N/C

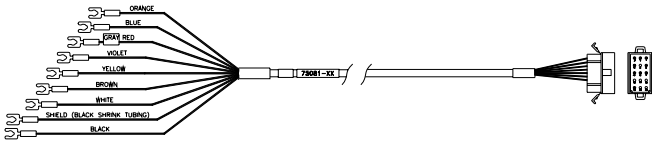
75073-XX			
ION CHAMBER CONNECTOR	SIEMENS COMPATIBLE ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 14-PIN AMP M SERIES (201355-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	DOM II	L
3	RED	DOM I	B
4	ORANGE	ANA_GND_IONTO	K
5	YELLOW	RDL_A	C
6	GREEN	DOM III	F
7	BLUE	N_15_A_IONTO	D
8	VIOLET	P_15_A_IONTO	E
9	WHITE	ANA_GND_IONTO	H
9	CLEAR	SHIELD	N/C

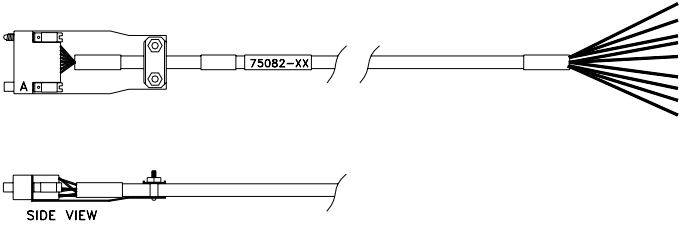
75075-XX			
ION CHAMBER CONNECTOR	ICX110 ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 14-PIN AMP M SERIES (201298-1)			MALE 9-PIN SUB-D
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
E	BLACK	NONE	N/C
D	BROWN	FIELD 2 SELECT	2
H	RED	FIELD 1 SELECT	3
J	ORANGE	RESET (START INTEGRATING)	4
B	YELLOW	OUTPUT	5
A	GREEN	FIELD 3 SELECT	6
F	BLUE	-15VDC	7
C	VIOLET	+15VDC	8
L	WHITE	GROUND	9
L	CLEAR	SHIELD	N/C

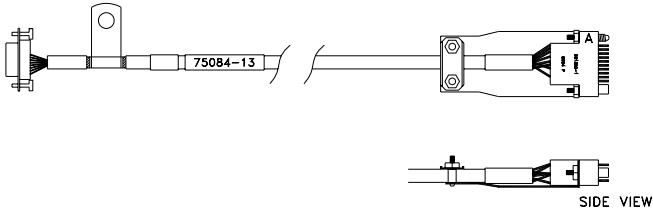
75077-XX			
ION CHAMBER CONNECTOR	ICX100 ION CHAMBER CABLE		AEC CONNECTOR
FEMALE 14-PIN AMP M SERIES (201298-1)			MALE 9-PIN SUB-D
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
N/C	BLACK	NONE	N/C
N/C	BROWN	NONE	2
N/C	RED	NONE	3
A	ORANGE	RESET (START INTEGRATING)	4
D	YELLOW	OUTPUT	5
N/C	GREEN	NONE	6
E	BLUE	-15VDC	7
B	VIOLET	+15VDC	8
F	WHITE	GROUND	9
F	CLEAR	SHIELD	N/C

75079-XX			
ION CHAMBER CONNECTOR	ICX100 ION CHAMBER CABLE WITH FLYING LEADS		AEC CONNECTOR
FEMALE 14-PIN AMP M SERIES (201298-1)			FLYING LEADS CONNECTOR SUPPLIED BY INSTASLLER
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
A	BLUE	START INTEGRATE	N/C
B	RED	+15VDC	N/C
D	VIOLET	OUTPUT	N/C
E	YELLOW	-15VDC	N/C
F	GREEN	GROUND	N/C
K	BLACK	SHIELD	N/C
C, H, J, L, M, N, P, R	NONE	NONE	NONE

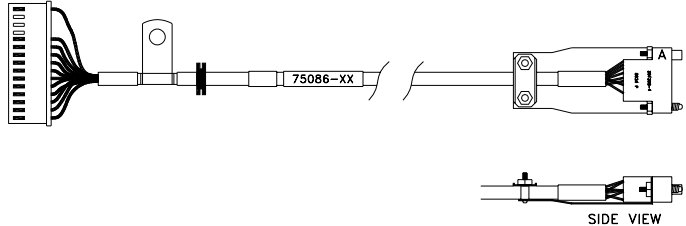
75080-XX			
ION CHAMBER CONNECTOR	PHILIPS COMPATIBLE ICX300 SERIES ION CHAMBER CABLE FOR PHILIPS OPTIMUS		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 15-PIN SUB-D
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	+15VDC (PO 15V/40V)	5
2	BROWN	FIELD 2 SELECT (FDL)	11
3	RED	FIELD 1 SELECT (FDC)	12
4	ORANGE	RESET (REL)	4
5	YELLOW	OUTPUT (SIGN)	7
6	GREEN	FIELD 3 SELECT (FDR)	3
7	BLUE	-15VDC (NG 15V)	6
8	VIOLET	NONE	N/C
9	WHITE	GROUND (RF 0V & GND)	8 & 13
9	CLEAR	SHIELD	N/C

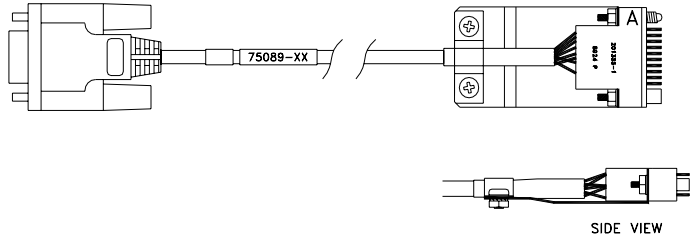
75081-XX			
ION CHAMBER CONNECTOR	ICX811 PICKER ADAPTER ION CHAMBER CABLE		AEC CONNECTOR
#6 FORK LUGS			FEMALE 15-PIN MOLEX (1625-15P)
ICX811 TS PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	ORANGE	+15VDC	6
2	BLUE	-15VDC	7
3	GRAY (RED)	RESET (EXPOSURE ALE)	4
4	VIOLET	LEFT FIELD SELECT	2
5	YELLOW	CENTER FIELD SELECT	1
6	BROWN	RIGHT FIELD SELECT	3
7	WHITE	OUTPUT	8
8	BLACK	SIGNAL GROUND	9
8	CLEAR	SHIELD	N/C

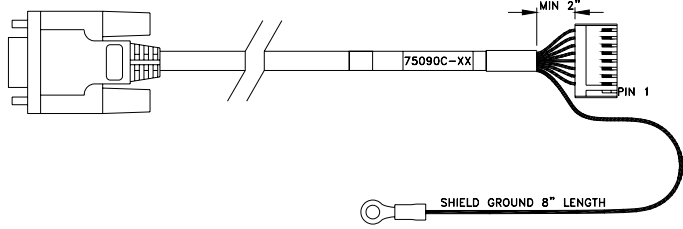
75082-XX			
ION CHAMBER CONNECTOR	ION CHAMBER CABLE 14-PIN AMP M-SERIES (F) TO FLYING LEADS		AEC CONNECTOR
FEMALE 14-PIN AMP M SERIES (201298-1)			FLYING LEADS CONNECTOR SUPPLIED BY INSTALLER
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
A	BLACK	FIELD 3 SELECT	N/C
B	BROWN	OUTPUT	N/C
C	RED	+15VDC	N/C
D	ORANGE	FIELD 2 SELECT	N/C
E	YELLOW	NONE	N/C
F	GREEN	-15VDC	N/C
H	BLUE	FIELD 1 SELECT	N/C
J	VIOLET	RESET (START INTEGRATING)	N/C
K	CLEAR	SHIELD	N/C
L	WHITE	N/C	N/C

75084M04 (4-METER CABLE LENGTH) 75084M24 (24-METER CABLE LENGTH)			
ION CHAMBER CONNECTOR	ICX937 INTERCONNECTION CABLE (FOR GEMS EUROPEAN PIN-OUT MPH GENERATORS)		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 14-PIN AMP M SERIES (201355-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 2 SELECT	K
3	RED	FIELD 1 SELECT	J
4	ORANGE	RESET (START INTEGRATION)	H
5	YELLOW	OUTPUT	D
6	GREEN	FIELD 3 SELECT	F
7	BLUE	-15VDC	C
8	VIOLET	+15VDC	A
9	WHITE	GROUND	B
9 AND P-CLAMP	CLEAR	SHIELD	N/C

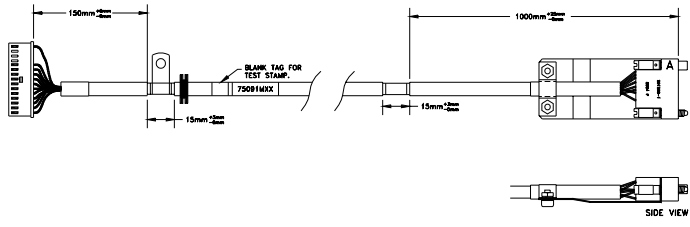
75086M04 (4-METER CABLE LENGTH)
75086M24 (24-METER CABLE LENGTH)

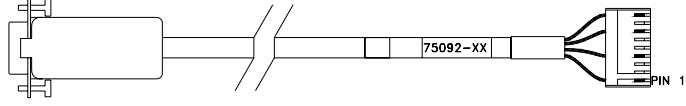
ION CHAMBER CONNECTOR	ICX967 INTERCONNECTION CABLE (FOR GEMS EUROPEAN PIN-OUT MPH GENERATORS)		AEC CONNECTOR
FEMALE 15-PIN AMP MODU			FEMALE 14-PIN AMP M SERIES (201298-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	VIOLET (RED/BLK)	NONE	P
2, 3, 4	NONE	NONE	N/C
5	YELLOW (ORG/BLK)	0V (Vout)	L
6	GREEN	Vout: Integration Ramp	D
7	BLUE	0V (Vout)	M
8	WHITE/BROWN (BLK/WHT)	0/24VDC or (-15/+15V) Start Integration	H
9	WHITE/BLACK	0/24VDC or (-15/+15V) for area 3 selection (right cellule)	F
10	WHITE	0/24VDC or (-15/+15V) for area 2 selection (central cellule)	K
11	GREY (BLU/WHT)	0/24VDC or (-15/+15V) for area 1 selection (left cellule)	J
12	ORANGE	Common return for areas selection and start integration	E
13	RED	-15VDC Supply	C
14	BROWN (ORG/BLK)	0V common for +/-15V	B
15	BLACK	+15VDC Supply	A
P-CLAMP	CLEAR	Shield	R

75089-XX			
ION CHAMBER CONNECTOR	GE COMPATIBLE MPH and PROTEUS GENERATORS (EUROPEAN PIN-OUT)		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 14-PIN AMP M SERIES (201355-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 2 SELECT	K
3	RED	FIELD 1 SELECT	J
4	ORANGE	RESET (START INTEGRATION)	H
5	YELLOW	OUTPUT	D
6	GREEN	FIELD 3 SELECT	F
7	BLUE	-15VDC	C
8	VIOLET	+15VDC	A
9	WHITE	GROUND (15V RETURN)	B
9	CLEAR	SHIELD	N/C

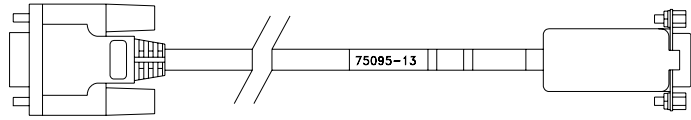
75090-XX			
ION CHAMBER CONNECTOR	SHIMADZU COMPATIBLE To PH CONT-2002 AEC Board		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 9-PIN IN-LINE
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	1
2	BROWN	FIELD 2 SELECT	2
3	RED	FIELD 1 SELECT	3
4	ORANGE	RESET	4
5	YELLOW	OUTPUT	5
6	GREEN	FIELD 3 SELECT	6
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	8
9	WHITE	GROUND	9
9	CLEAR	SHIELD	GROUND LUG

75091M04 (4-METER CABLE LENGTH)
 75091M14 (14-METER CABLE LENGTH)
 75091M24 (24-METER CABLE LENGTH)

ION CHAMBER CONNECTOR	ICX967 INTERCONNECTION CABLE (FOR GEHL PROTEUS AND EMPEROR GENERATORS)		AEC CONNECTOR
FEMALE 15-PIN AMP MODU			FEMALE 14-PIN AMP M SERIES (201298-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	VIOLET (RED/BLK)	NONE	P
2, 3, 4	NONE	NONE	N/C
5	YELLOW (ORG/BLK)	0V (Vout)	L
6	GREEN	Vout: Integration Ramp	D
7	BLUE	0V (Vout)	M
8	WHITE/BROWN (BLK/WHT)	0/24VDC or (-15/+15V) Start Integration	H
9	WHITE/BLACK	0/24VDC or (-15/+15V) for area 3 selection (right cellule)	F
10	WHITE	0/24VDC or (-15/+15V) for area 2 selection (central cellule)	K
11	GREY (BLU/WHT)	0/24VDC or (-15/+15V) for area 1 selection (left cellule)	J
12	ORANGE	Common return for areas selection and start integration	E
13	RED	-15VDC Supply	C
14	BROWN (ORG/BLK)	0V common for +/-15V	B
15	BLACK	+15VDC Supply	A
P-CLAMP	CLEAR	Shield	R

75092-XX			
ION CHAMBER CONNECTOR	SHIMADZU COMPATIBLE To PH CONT-2001 or PH CONT-96 AEC Board		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 9-PIN IN-LINE
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	N/C
2	BROWN	FIELD 1 OUTPUT	9
3	RED	FIELD 3 OUTPUT	4
4	ORANGE	NONE	N/C
5	YELLOW	NONE	N/C
6	GREEN	FIELD 2 OUTPUT	7
7	BLUE	NONE	N/C
8	VIOLET	NONE	N/C
9	WHITE	GROUND	1
9	CLEAR	SHIELD	N/C

75093-XX			
ION CHAMBER CONNECTOR	GE COMPATIBLE (FOR GEHL PROTEUS AND EMPEROR GENERATORS)		AEC CONNECTOR
FEMALE 9-PIN SUB-D			FEMALE 14-PIN AMP M SERIES (201298-1)
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
PIN-1	BLACK	NONE	N/C
PIN-2 (CATHODE)	BROWN WITH IN-SERIES DIODE	0/24VDC or (-15/+15V) for area 1 selection (left cellule)	J (ANODE)
PIN-3 (CATHODE)	RED WITH IN-SERIES DIODE	0/24VDC or (-15/+15V) for area 2 selection (central cellule)	K (ANODE)
PIN-4 (CATHODE)	ORANGE WITH IN-SERIES DIODE	0/24VDC or (-15/+15V) for Start Integration	H (ANODE)
PIN-5	YELLOW	Vout: Integration Ramp	D
PIN-6 (CATHODE)	GREEN WITH IN-SERIES DIODE	0/24VDC or (-15/+15V) for area 3 selection (right cellule)	F (ANODE)
PIN-7	BLUE	-15VDC Supply	C
PIN-8	VIOLET	+15VDC Supply	A
PIN-9	WHITE	0V common for +/-15V	B,L,M
PIN-9	SHIELD	Shield	N/C
N/C	NONE	NONE	E,N,P,R

75095-13			
ION CHAMBER CONNECTOR	ION CHAMBER INTERCONNECTION CABLE WITH PINS 4&5 CROSSED AT MALE END		AEC CONNECTOR
FEMALE 9-PIN SUB-D			MALE 9-PIN SUB-D
PIN NUMBER	WIRE COLOR	FUNCTION	PIN NUMBER
1	BLACK	NONE	1
2	BROWN	FIELD 2 SELECT	2
3	RED	FIELD 1 SELECT	3
4	ORANGE	RESET	5
5	YELLOW	OUTPUT	4
6	GREEN	FIELD 3 SELECT	6
7	BLUE	-15VDC	7
8	VIOLET	+15VDC	8
9	WHITE	GROUND	9
9	CLEAR	SHIELD	N/C