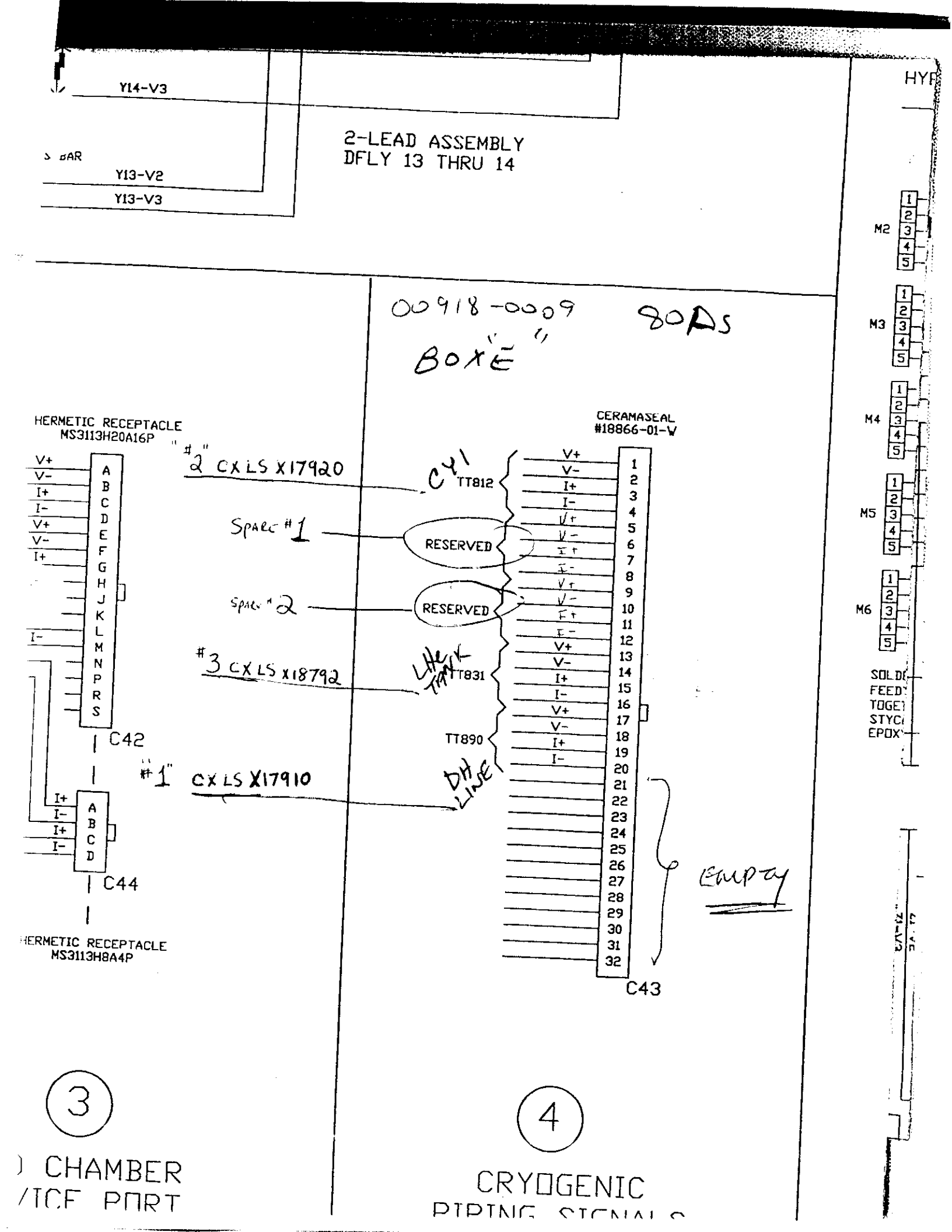
Thermometer Hipot 32 pin Connector



Y14-V3
2-LEAD ASSEMBLY
DFLY 13 THRU 14
BAR
Y13-V2
Y13-V3
00918-0009
80DS
BOXE
HERMETIC RECEPTACLE
MS3113H20A16P
"#2" CX LS X17920
CY1
TT812
Spare #1
RESERVED
Spare #2
RESERVED
#3 CX LS X18792
LHe TANK
TT831
TT890
DH LINE
"#1" CX LS X17910
C42
C44
HERMETIC RECEPTACLE
MS3113H8A4P
CERAMASEAL
#18866-01-W
C43
Empty
M2
M3
M4
M5
M6
SOLD
FEED
TOGE
STYC
EPOX
3
CHAMBER
/ICE PORT
4
CRYOGENIC
PIPING SIGNALS

Meyer Tool & Mfg., Inc.
4601 SOUTHWEST HWY., OAK LAWN, ILLINOIS 60453
708 / 425-9080
FAX 708 / 425-2612

CONTINUITY TESTING
MTM-MP-1020

BOX "E" TEMPERTURE SENSORS

Function Designator, Tag or Description	Resistance ohms	Assembly Step	By Date
SPARE WIRES ON 32 PIN CONNECTOR		AFTER SOLDERING	W.J. 2-23-05
SPARE #1 PIN #5	.7		
#6	.7		
#7	.7		
#8	.7		
SPARE #2 PIN #9	.6		
#10	.6		
#11	.6		
#12	.6		

Multimeter Make and MTM Serial Number: _____

Test Report Form TR-1020A
Rev. B

Cryogenic Thermometer Traveller

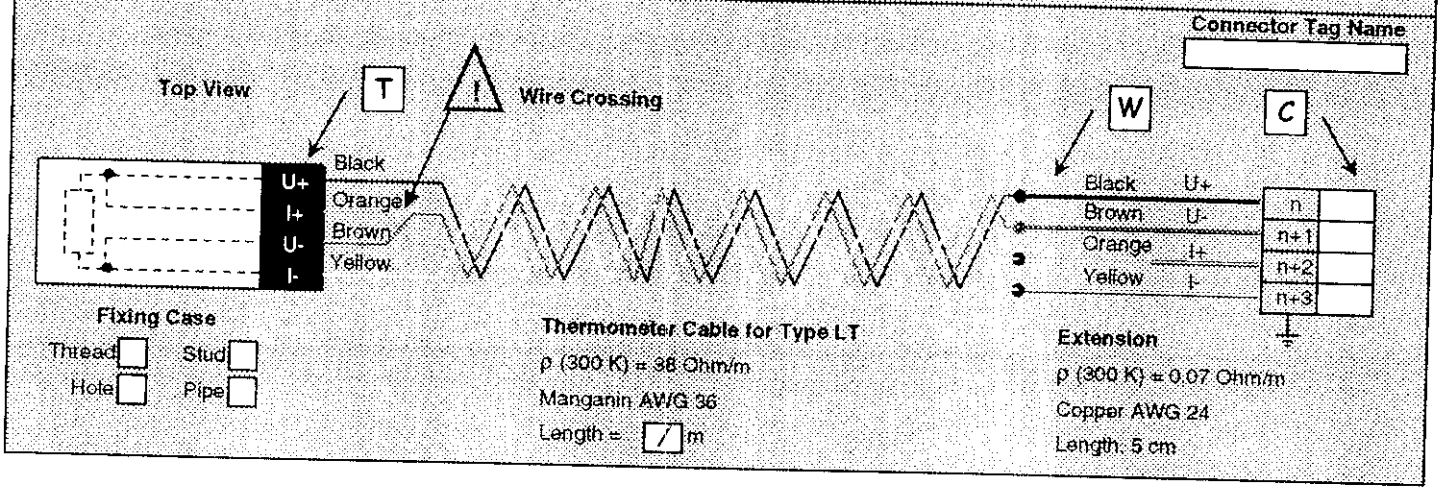
CY1 TT812

DESCRIPTION*

Part Description:	Cryogenic thermometer	**Instrument Name:**	
CERN Part Identifier:	HCQITELCXT-CR015190	**Top Assembly:**	
Other Identification:	CX_LS_X17920	**Functional Equipment Identifier:**	

* In accordance with LHC-QIT-QA-0002

CABLING



CHECKS

Intervention	Date/ DD-MMM-YYYY	Check Point	R(U+,U-,I+,I-) [Ohm] 4W	R(U-,I-) [Ohm] 2W	R(U+,I+) [Ohm] 2W	R(U+,GND) [Ohm] 2W	Temperature [K]	Firm/Laboratory	Checked by
Calibration	12-Apr-2002	T [redacted]	63.53	19.81	19.92	OVL	300	IPN	Joly
Expedition	04-Sep-2003	T [redacted]	62.87	19.81	19.92	OVL	293.00	CERN	Vauthier
Reception		T W C							
CABLING	09-Aug-04	[redacted] C	62.49	103.97	103.10	OVL	294.3	LBNL	ANDERSON
		T W C		104.	103	OPEN			WJ 2-21-05
		T W C		103	102	OPEN	AFTER SOLDER		WJ 2-22-05
		T W C							
		T W C							
		T W C							
		T W C		103	102	OPEN	AFTER	WIRING	WJ 2-25-05
		T W C							
		T W C							
		T W C							
		T W C							
		T W C							
		T W C							
		T W C							
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		T W C							
		T W C							

Cryogenic Thermometer Traveller

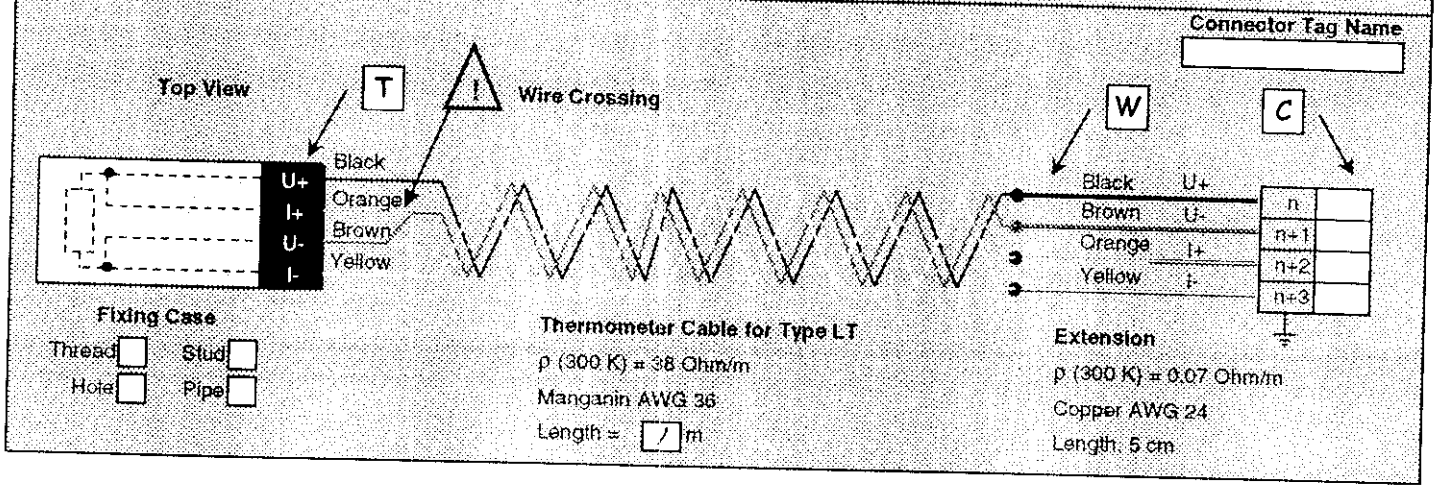
LHe TANK TT831

DESCRIPTION*

Part Description:	Cryogenic thermometer	**Instrument Name:**	
CERN Part Identifier:	HCQITELCXT-CR021420	**Top Assembly:**	
Other Identification:	CX_LS_X18792	**Functional Equipment Identifier:**	

* In accordance with LHC-QIT-QA-0002

CABLING



CHECKS

Intervention	Date/ DD-MMM-YYYY	Check Point	R(U+ U- I+ I-) [Ohm] 4W	R(U- I-) [Ohm] 2W	R(U+ I+) [Ohm] 2W	R(U+ GND) [Ohm] 2W	Temperature [K]	Firm/Laboratory	Checked by
Calibration	12-Apr-2002	T	56.90	19.31	19.48	OVL	300	IPN	Joly
Expedition	04-Sep-2003	T	56.68	19.31	19.48	OVL	293.00	CERN	Vauthier
Reception		T W C							
CABLING	09-AUG. 04	C	56.89	103.51	102.64	OVL	293.0	LBNL	ANDERSON
		T W C		104	102	open			WS 2-21-05
		T W C		103	102	open	[illegible]		[illegible]
		T W C							
		T W C							
		T W C		103	102	open	AFTER WELD. [illegible]		WS 2 25 05
		T W C							
		T W C							
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Cryogenic Thermometer Traveller

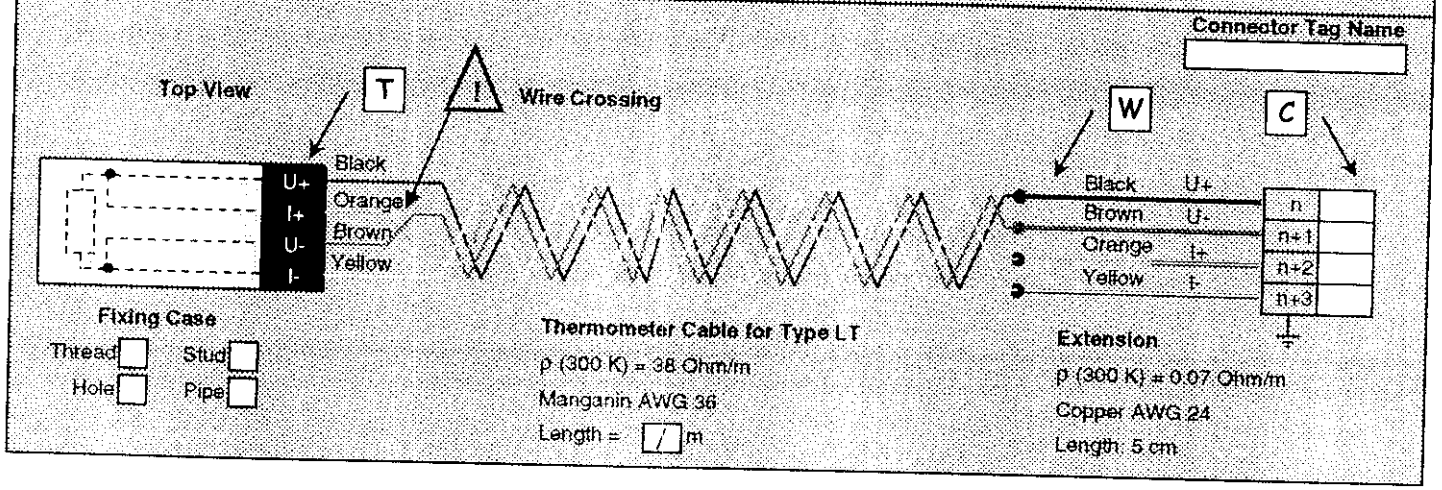
DH LINE TT840

DESCRIPTION*

Part Description:	Cryogenic thermometer	**Instrument Name:**	
CERN Part Identifier:	HCQITELCXT-CR015110	**Top Assembly:**	
Other Identification:	CX_LS_X17910	**Functional Equipment Identifier:**	

*In accordance with LHC-QIT-QA-0002

CABLING



CHECKS

Intervention	Date/ DD-MMM-YYYY	Check Point	R(U+,U-,I+,I-) [Ohm] 4W	R(U-,I-) [Ohm] 2W	R(U+,I+) [Ohm] 2W	R(U+,GND) [Ohm] 2W	Temperature [K]	Firm/Laboratory	Checked by
Calibration	12-Apr-2002	T [redacted]	58.96	20.71	20.67	OVL	300	IPN	Joly
Expedition	04-Sep-2003	T [redacted]	58.36	20.71	20.67	OVL	293.00	CERN	Vauthier
Reception		T W C							
CABLING	09-AUG. 04	[redacted] C	58.60	103.65	102.53	OVL	293.0	LBNL	ANDERSON
		T W C		103	102	OPEN			WJ 2-21-05
		T W C		103	102		AFTER SOLDERING		[illegible]
		T W C							
		T W C							
		T W C		103	102	OPEN	AFTER	WELDING	WJ 2-25-05
		T W C							
		T W C							
		T W C							
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		T W C							
		T W C							

Test Instruments Used

Test Model #	Test Serial #	Calibration Due Date
7550DT	9111100	01/31/2004

Test Date: 02/24/2005

Test Time: 07:44:32 PM

User Name: Glen Koenig

Device Tested

Model Number: Box E

Serial Number: Coldmass Therm. 32 Pin Conn.

Setup Filename:

Results

	Test Type	Memory	Step	Pass/Fail	Test Result	Timer	Parameter 1	Parameter 2
1	DC Withstand	28	1	Pass	Pass	60.0s	0.20KV	0.0microamps