Thermometer Electrical Test Reports

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CONTINUITY TESTING
MTM-MP-1020

BOX "B". TEMP SENSOR ON 32 PIN CONNECTOR

Function Designator, Tag or Description	Resistance ohms	Assembly Step	By Date
RESVERSED #1			
BLUE TO BLUE	.9		
RED TO RED	.9		
WHITE TO WHITE	.9		
GREEN GREEN	1.3		
RESVERSED #2			
BLUE TO BLUE	1.0		
RED TO RED	1.0		
WHITE TO WHITE	1.0		
GREEN TO GREEN	1.8		

Multimeter Make and MTM Serial Number: _____

Test Report Form TR-1020A
Rev. B

BOX B

Cryogenic Thermometer Traveller

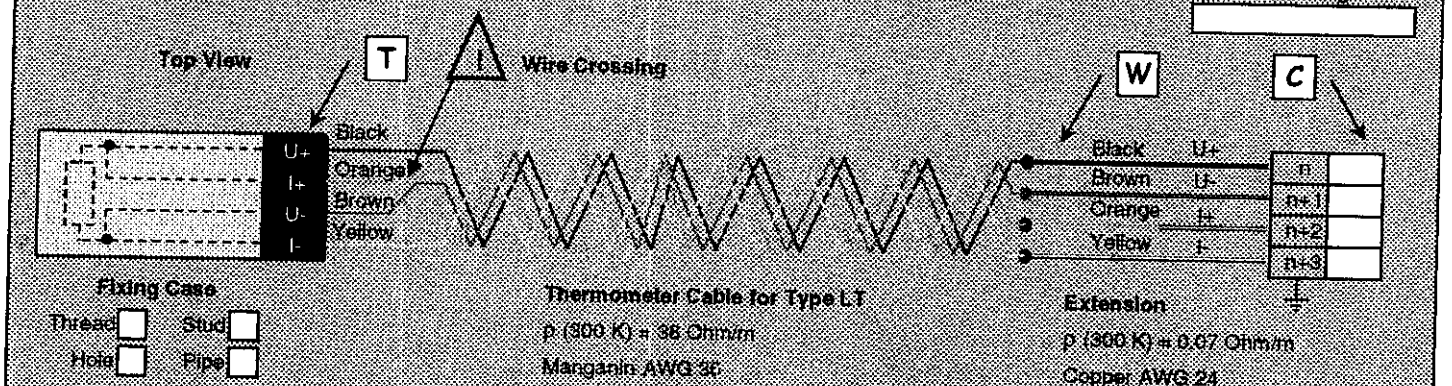
LHE TANK TT831

DESCRIPTION*

Part Description:	Cryogenic thermometer	Instrument Name:	
CERN Part Identifier:	HCQITELCXT-CR015400	Top Assembly:	
Other Identification:	CX_LS_X17951	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	60.83	22.48	22.21	OVL	300	IPN	Joly
Expedition	04-Sep-2003	T	60.24	22.48	22.21	OVL	293.00	CERN	Vauthier
Reception		T W C							
CABLING	09-AUG. 04	C	60.10	106.20	105.18	OVL	293.4	LBNL	ANDERSON
BEFORE INSTALLING		T W C		106.2	105.5	OVL		MEYER	D.K.
AFTER INSTALLING		T W C		106.2	105.5	OVL		MEYER	D.K
AFTER SOLDERING		T W C		106.6	105.7	OVL			GK rd
		T W C							
		T W C							
		T W C							
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"BOX B"

Cryogenic Thermometer Traveller

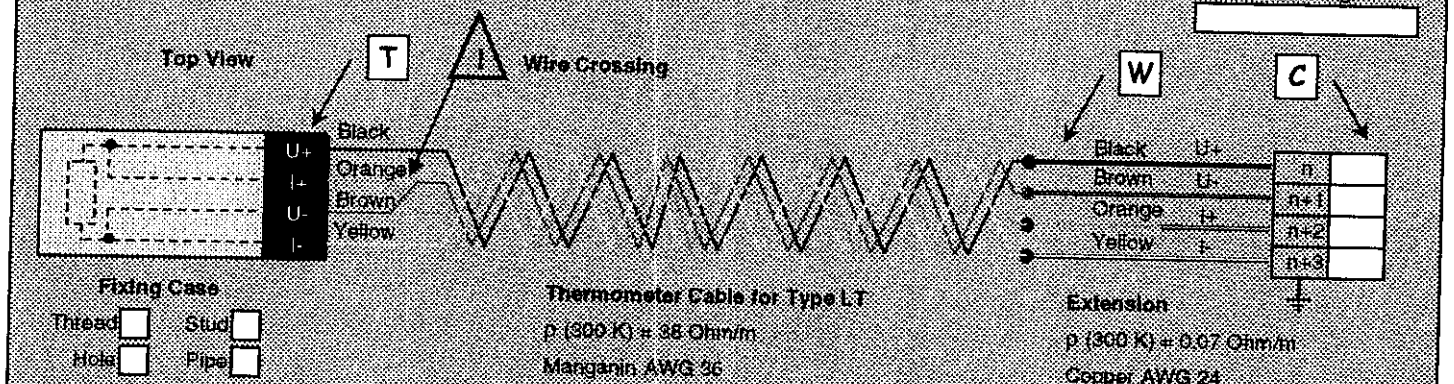
DH LINE TT890

DESCRIPTION*

Part Description:	Cryogenic thermometer	Instrument Name:	
CERN Part Identifier:	HCQITELCXT-CR015360	Top Assembly:	
Other Identification:	CX_LS_X17945	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	60.90	25.81	25.61	OVL	300	IPN	Joly
Expedition	04-Sep-2003	T	60.31	25.81	25.61	OVL	293.00	CERN	Vauthier
Reception		T W C							
CABLING	11-AUG.-04	C	60.08	109.59	108.64	OVL	293.4	LBNL	ANDERSON
BEFORE STRIPPING		T W C		109.9	108.9	OVL		METER	[illegible]
AFTER INSTALLING		T W C		109.9	108.9	OVL		METER	[illegible]
AFTER SOLDERING		T W C		169.6	169.4	OVL			CK RY
		T W C							
		T W C							
		T W C							
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Box "B"

Cryogenic Thermometer Traveller

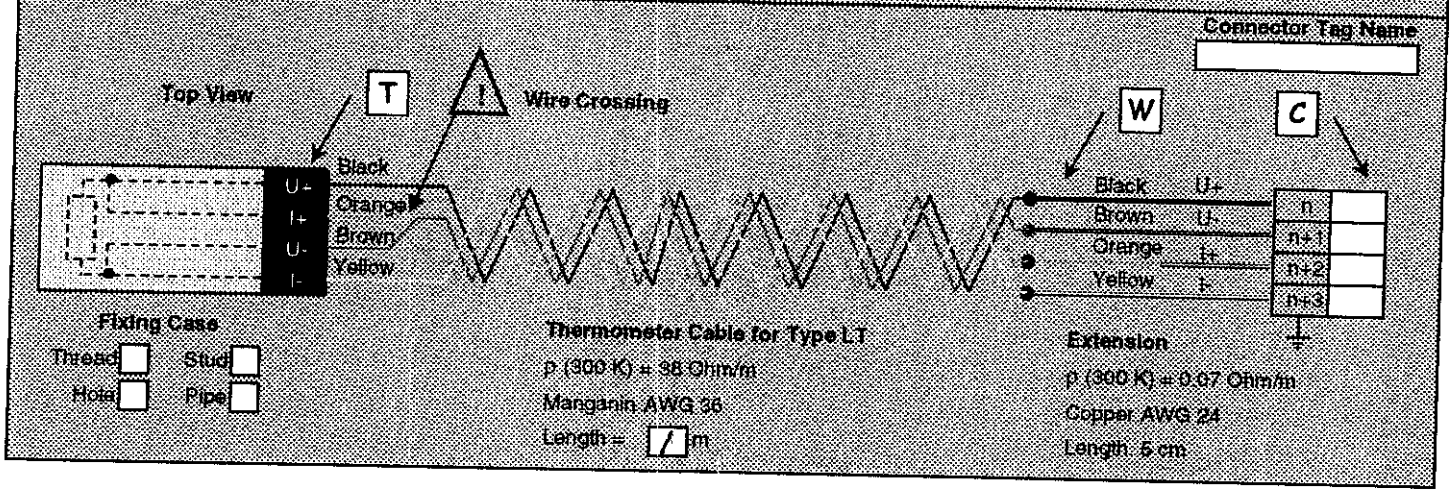
CY1 TT812

DESCRIPTION*

Part Description:	Cryogenic thermometer	Instrument Name:	
CERN Part Identifier:	HCQITELCXT-CR015180	Top Assembly:	
Other Identification:	CX_LS_X17918	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]	62.39	18.79	18.84	OVL	300	IPN	Joly
Expedition	04-Sep-2003	T [redacted]	61.77	18.79	18.84	OVL	293.00	CERN	Vauthier
Reception		T W C							
		T W C							
~~EXTENSION~~	~~2-July-2004~~	[redacted] C	~~87.09~~	~~102.04~~	~~100.88~~	~~OVL~~	~~292.20~~	~~LBNL~~	~~ANDERSON~~
EXTENSION	6 July 2004	T W C	61.733	102.30	100.98	OVL	295.60	LBNL	ANDERSON
		T W C							
BEFORE MOUNTING	5-31-05	T W C		101	100	OPEN			W.J.
AFTER MOUNTING	5-31-05	T W C		101	100	OPEN			W.J.
PIPE NOT INSTALLED	AFTER SOLDERING	T W C		105.7	100.3	OVL			GK RT
~~AFTER INSTALLING~~		T W C							
		T W C							
		T W C							
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