		CERN Label		Comments
Magnet #	**LQXB10**			
Module Assy #	LMQXB10			
Q2A #	MQXB19			
Q2B #	MQXB18			
Corrector Serial #	HCMCBX_001-SI000034			
Thermometers			Expedition Resistance-CERN	
Q2A Inst Bus Side-Primary	CX_LS_X17261	**TT8312**	63.675	
Q2A Non-Inst Bus Side-Redundant	CX_LS_X17278	**TT8322**	63.319	
Q2B Inst Bus Side-Primary	CX_LS_X17280	**TT8332**	62.595	
Q2B Non-Inst Bus Side-Redundant	CX_LS_X17188	**TT8342**	68.581	

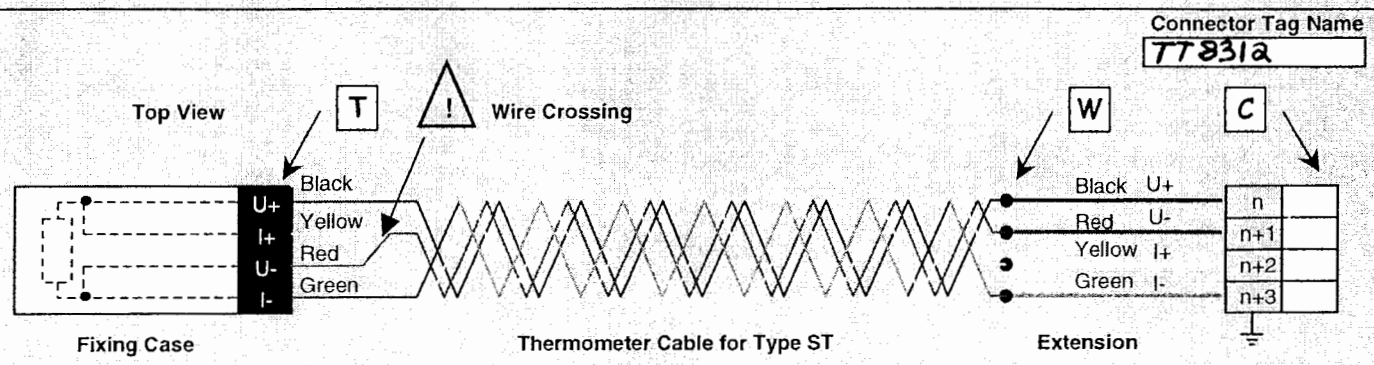
LQXB-10

Cryogenic Thermometer Traveller

DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	LQXB-10 X17261
Part Identification:	HCQITESCXT-CR013740		
Serial Number:	CX_LS_X17261	**Manufactured By:**	Fermilab

CABLING



Fixing Case

Thread ☐
Hole ☐
Stud ☐

Thermometer Cable for Type ST

ρ (300 K) = 0.32 Ohm/m
Copper AWG 30
Length = ☐ m

Extension

ρ (300 K) = 0.07 Ohm/m
Copper AWG 24
Length: 0.8 m

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	04-Feb-2002	T	65.57	n.a	n.a	OVL	Ambient	IPN	Joly
Expedition	12-Mar-2003	T	63.675	0.1	0.1	OVL	293	CERN	Grivat
Reception	19 OCT 2005	T W C	65.74	-	-	-	71°F	Fermi	O. Frianza
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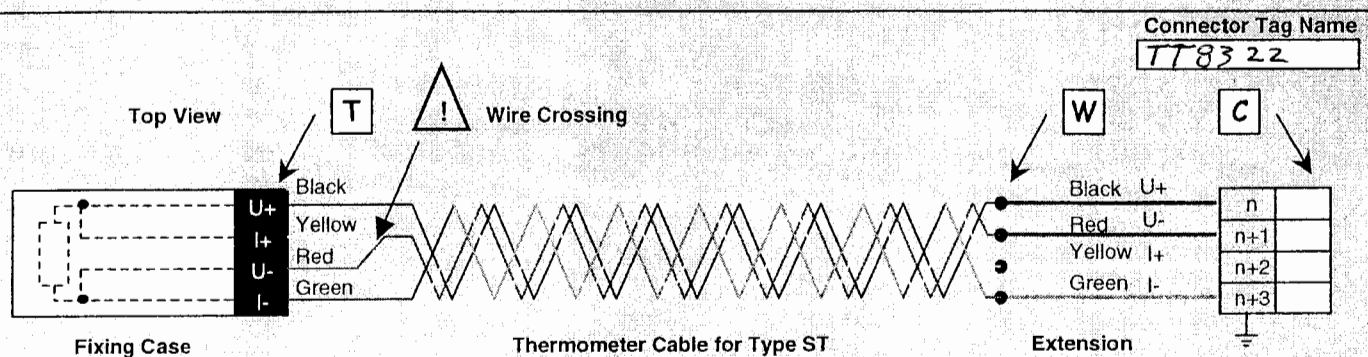
LQXB-10 LQXB-10

Cryogenic Thermometer Traveller

DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	LQXB-10 X17278
Part Identification:	HCQITESCXT-CR013790		
Serial Number:	CX_LS_X17278	**Manufactured By:**	Fermilab

CABLING



Fixing Case

Thread ☐
Hole ☐
Stud ☐

Thermometer Cable for Type ST

ρ (300 K) = 0.32 Ohm/m
Copper AWG 30
Length = ☐ m

Extension

ρ (300 K) = 0.07 Ohm/m
Copper AWG 24
Length: 0.8 m

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	04-Feb-2002	T	65.68	n.a	n.a	OVL	Ambient	IPN	Joly
Expedition	12-Mar-2003	T	63.319	0.1	0.1	OVL	293	CERN	Grivat
Reception	14 OCT-2005	T W C	65.94	.	.	.	71°F	Fermi	O Frianeza
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LQXB-10 LQXB-10

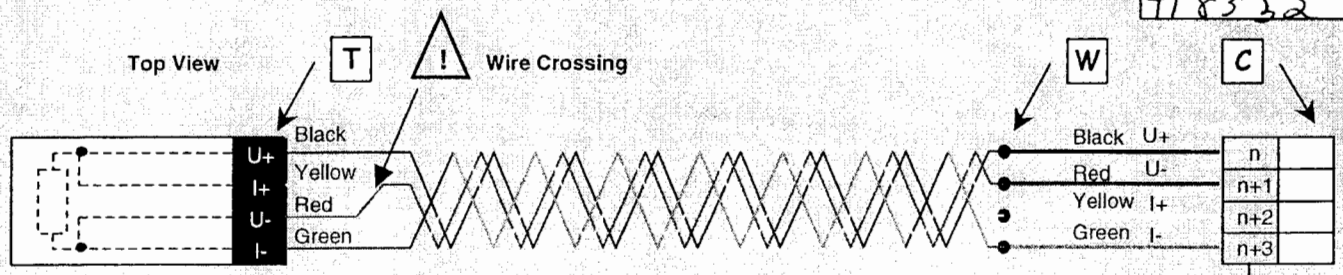
Cryogenic Thermometer Traveller

DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	LQXB-10 X17280
Part Identification:	HCQITESCXT-CR013810		
Serial Number:	CX_LS_X17280	**Manufactured By:**	Fermilab

CABLING

Connector Tag Name TT8332



Fixing Case

Thread ☐
Hole ☐
Stud ☐

Thermometer Cable for Type ST

ρ (300 K) = 0.32 Ohm/m
Copper AWG 30
Length = ☐ m

Extension

ρ (300 K) = 0.07 Ohm/m
Copper AWG 24
Length: 0.8 m

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	04-Feb-2002	T	64.34	n.a	n.a	OVL	Ambient	IPN	Joly
Expedition	12-Mar-2003	T	62.595	0.1	0.1	OVL	293	CERN	Grivat
Reception	19-OCT-2005	T W C	04.77	-	-	-	71°F	Fermi	O. Frianeza
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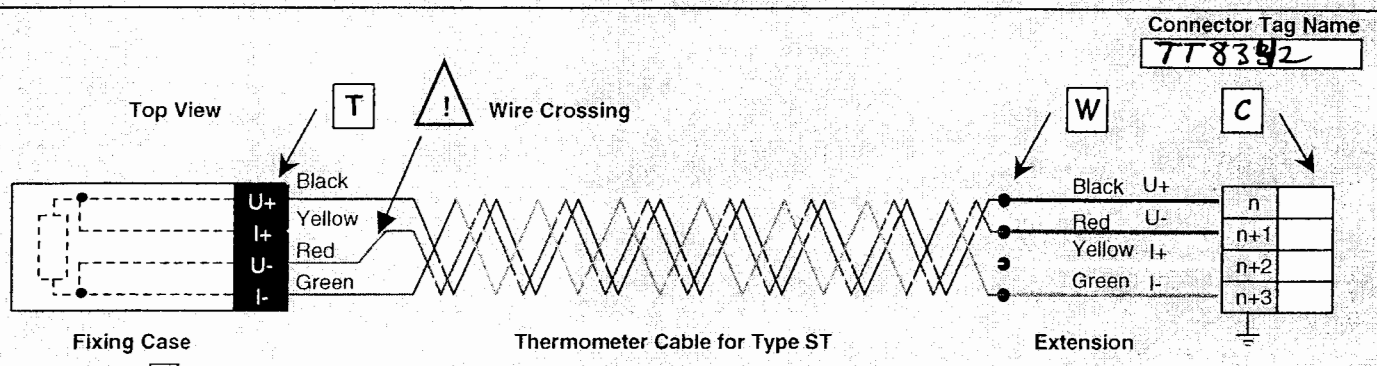
LQXB-10

Cryogenic Thermometer Traveller

DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	LQXB-10 X17188
Part Identification:	HCQITESCXT-CR013320		
Serial Number:	CX_LS_X17188	**Manufactured By:**	Fermilab

CABLING



Fixing Case

Thread ☐
Hole ☐
Stud ☐

Thermometer Cable for Type ST

ρ (300 K) = 0.32 Ohm/m
Copper AWG 30
Length = ☐ m

Extension

ρ (300 K) = 0.07 Ohm/m
Copper AWG 24
Length: 0.8 m

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	04-Feb-2002	T	69.98	n.a	n.a	OVL	Ambient	IPN	Joly
Expedition	12-Mar-2003	T	68.581	0.1	0.1	OVL	293	CERN	Grivat
Reception	19 OCT 2005	T W C	70.47	-	-	-	71°F	Fermi	O Fiancza
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