| | | CERN Label | | Comments |
|---|---|---|---|---|
| **Magnet #** | **LQXC04** | | | |
| **KEK Magnet #** | MQXA14 | | | |
| **Corrector Serial #** | HCMCBXA001-SI000027 | | | |
| **Corrector Serial #** | HCMCSOX001-AN000005 | | | |
| **Corrector Serial #** | HCMQSX_001-AN000005 | | | |
| **Thermometers** | | | Expedition Resistance-CERN | |
| **Q3 NLE - Inst Bus Side** | CX-LS-X17273 | **TT8313** | 62.49 | |
| **Q3 NLE - Non-Inst Bus Side** | CX-LS-X17206 | **TT8323** | 64.194 | |

# Cryogenic Thermometer Traveler

COPY

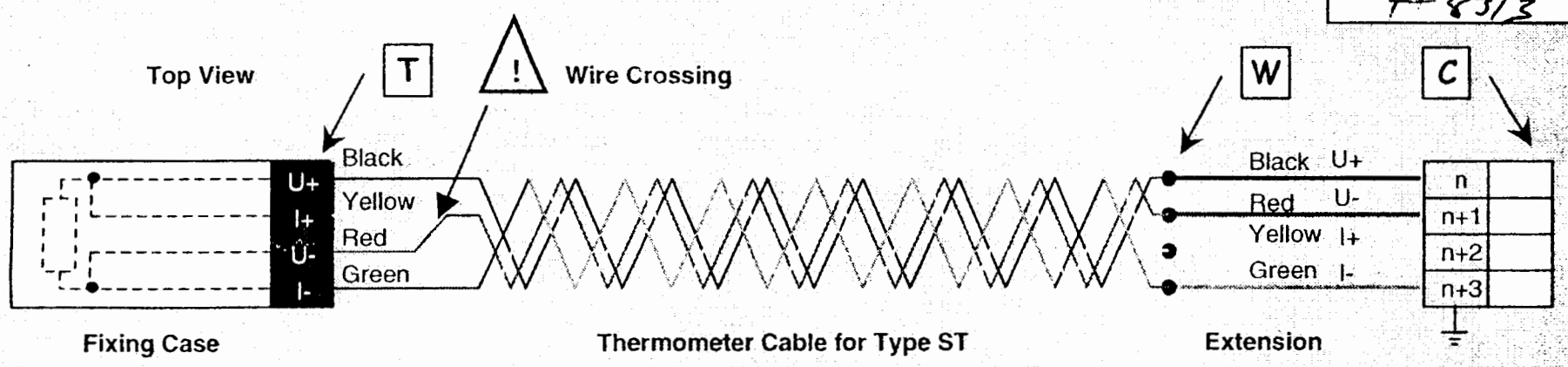
## DESCRIPTION

| | | | |
|---|---|---|---|
| **Part description:** | Cryogenic thermometer | **Top Assembly Identification:** | |
| **Part Identification:** | HCQITESCXT-CR013750 | | |
| **Serial Number:** | CX_LS_X17273 | **Manufactured By:** | Fermilab |

LMQXC 04

## CABLING

**Connector Tag Name** T+ 83/3




**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 | 64.02 | n.a | n.a | OVL | Ambient | IPN | Joly |
| Expedition | 12-Mar-2003 | T | 62.490 | 0.1 | 0.1 | OVL | 293 | CERN | Grivat |
| Reception | 9-May-2005 | T W C | 64.266 | | | | | Fermi | Schade |
| | | T W C | | | | | | | |
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# Cryogenic Thermometer Traveller

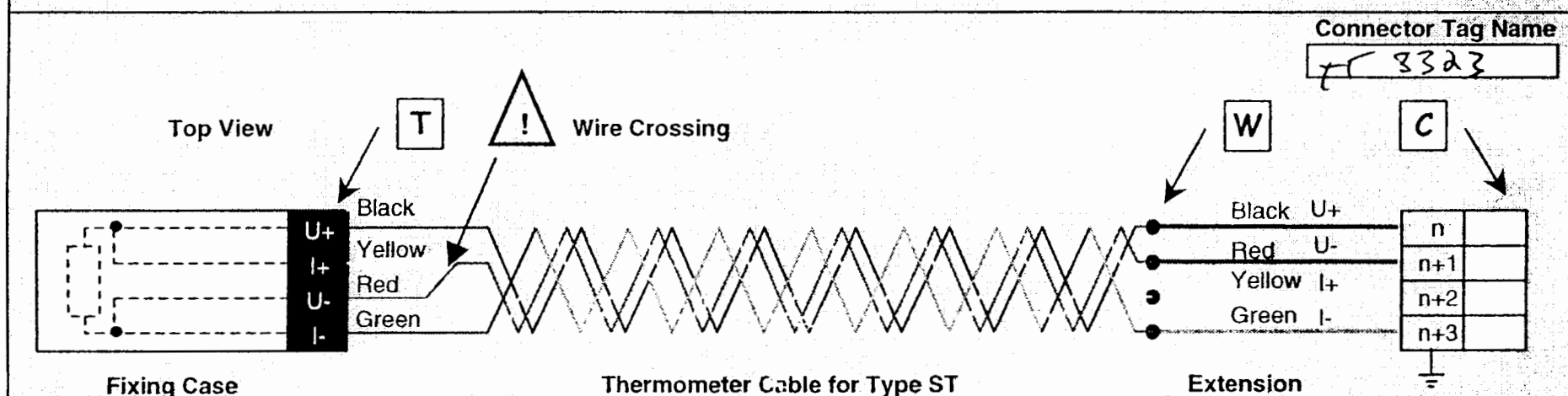
COPY

## DESCRIPTION

| | | | |
|---|---|---|---|
| **Part description:** | Cryogenic thermometer | **Top Assembly Identification:** | |
| **Part Identification:** | HCQITESCXT-CR013390 | | |
| **Serial Number:** | CX_LS_X17206 | **Manufactured By:** | Fermilab |

LMQXC 04

## 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 | *65.67* | *n.a* | *n.a* | *OVL* | *Ambient* | *IPN* | *Joly* |
| *Expedition* | *12-Mar-2003* | T | *64.194* | *0.1* | *0.1* | *OVL* | *293* | *CERN* | *Grivat* |
| *Reception* | 9-May-05 | T W C | 66.98 | | | | | Fermi | Schewe |
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