

BHEL	PRODUCT STANDARD	TC 5 1910
HYD	INDUSTRIAL TURBINES & COMPRESSOR	PAGE 0 OF 2

**GLC POSITION TRANSMITTER**  
(For internal reference only)

Remove this preface sheet before issuing to  
supplier

**DESIGNATION:** GLC Position Transmitter to this standard shall be designated as follows.


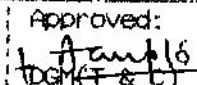
**ON DRAWINGS:**

Material specification column : TC 5 1910  
Description column : GLC Position Transmitter  
Material code column : TC

**ON INDENTS:**

Material specification column : TC 5 1910  
Description column : GLC Position Transmitter  
Material code column : TC

**ON ENQUIRES & PURCHASE ORDERS:** A copy of this standard shall be enclosed without preface sheet.

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	Prepared:  VNR	Approved:  TGM(F & C)	Date: 12/83

BHEL	PRODUCT STANDARD	TC 5	1910
HYD	INDUSTRIAL TURBINES & COMPRESSOR	PAGE 1	OF 2

**GLC POSITION TRANSMITTER**

**SCOPE** : This standard specifies the requirement of GLC Position Transmitter used in Electro Hydraulic converters for steam turbines.

**GUARANTEE CERTIFICATE** : A Guarantee certificate for 24 months of trouble free performance from the date of shipment or 12 months from the date of commissioning whichever is earlier

**DOCUMENT** : Technical literature shall accompany this offer

**MARKING** : A tag bearing 12 digit material code of BHEL shall be attached for each consignment.

The following details shall be marked on packing case.

- 1) Manufacturer's Name.
  - 2) BHEL Order Number.
  - 3) BHEL Standard number : TC 51910.
- Material Code : New : TC 9751910013  
Old : D456130580

**TECHNICAL SPECIFICATIONS** :

Description	:	GLC position transmitter (collins pickup).
Type	:	SS 207
Travel	:	± 25 mm
Output	:	approx. 0.35 V/mm
Carrier frequency	:	0.7 K Hz
Length without anchor	:	115 mm
Supply voltage	:	24 V ± 20%
Current	:	approx. 20 mA
Allowable temperature	:	-50 to + 120°C
Tolerance on measurement Mean valve	:	0.7 % travel
Output resistance of pickup	:	3-6 (K Ohm)

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	Prepared: <i>VNR</i> VNR	Approved: <i>A. Gupta</i> DGM(F & C)	Date: 12/83

BH&EL	PRODUCT STANDARD	TC	5	1910
HYD	INDUSTRIAL TURBINES & COMPRESSOR	PAGE	2	OF 2
<p style="text-align: center;">Output resistance temperature coefficient : <math>10^{-4}</math> to <math>10^{-3}</math> per degree C.</p>				
<p style="text-align: center;">COPYRIGHT AND CONFIDENTIAL</p> <p>The information on this document is the property of BHARAT HEAVY ELECTRICALS LTD. It must not be used directly or indirectly in any way detrimental to the interest of the company.</p>		Issued: T & C ENGG HYD	REV 01	DATE: 11/91
		Prepared: VNR	Approved: DGM(T & C)	Date: 12/83