



(An ISO 9001:2008 Mfg. Co.)

Transmitter

EE-701

INSTRUCTION MANUAL

Instruction Manual
for
Transmitter
EE-701

EMCO ELECTRONICS

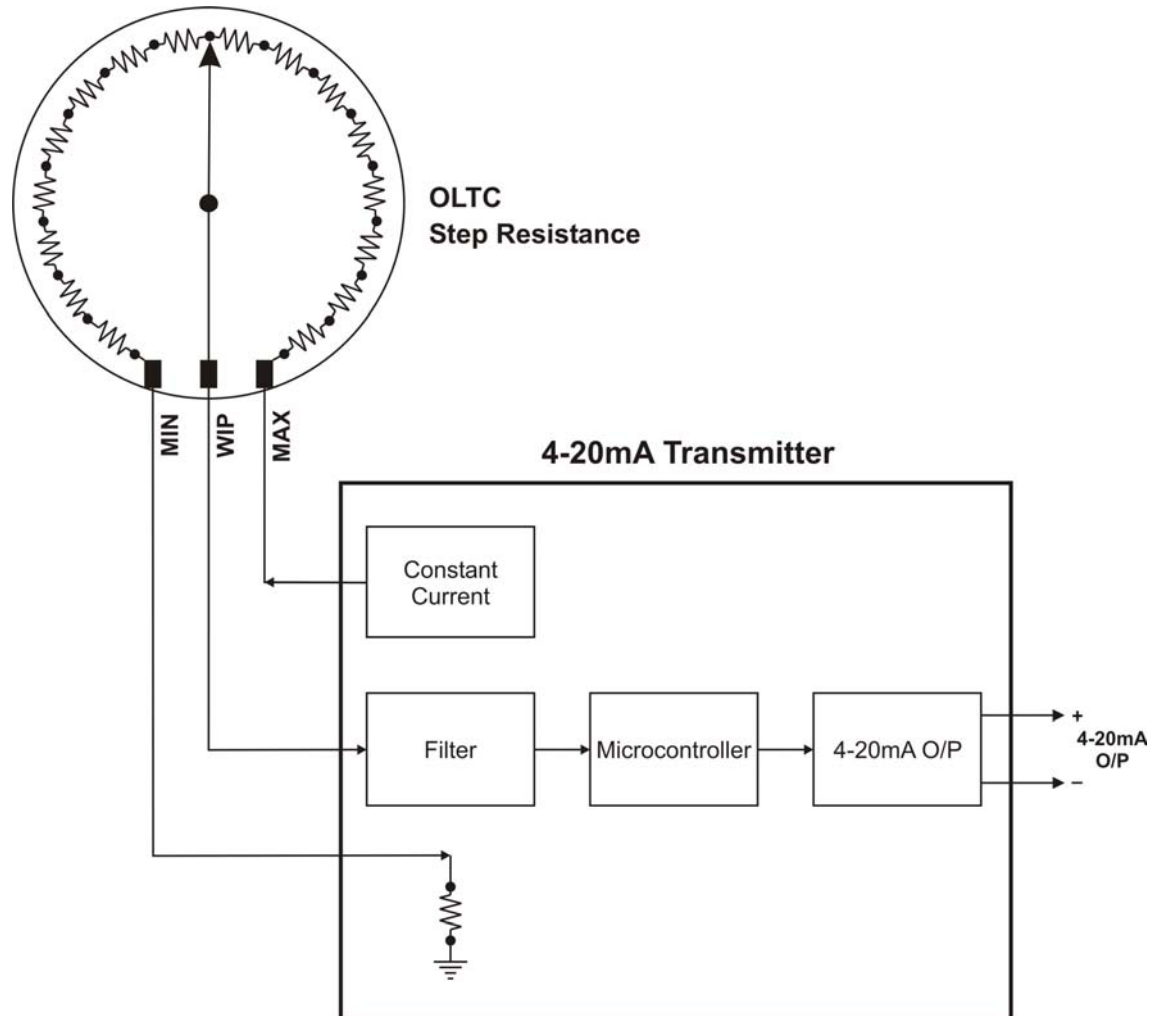
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EMCO's Transmitter is used for transmitting Tap Position or Oil / Winding Temperature or PT-100 Sensor Temperature data via 4-20 mA output. The connections from the minimum, maximum and wiper positions coming from the tap-changer or Analog ROTI / RWTI are connected to the respective Min, Max and Wiper terminals marked on the Transmitter.



Block diagram of Transmitter EE-701

Universal Power (95V to 260V AC/DC) is connected to the terminals marked on the Transmitter.

When the unit is powered on, user can get the DC current output of 4-20mA corresponding to the tap number or Oil / Winding Temperature or PT-100 Sensor Temperature with load resistance of 100 ohms. As the tap / temperature is increased or decreased the current value increases or decreases respectively.

The minimum tap or temperature value corresponds to 4 mA and the maximum tap or temperature value corresponds to 20 mA.

Transmitter EE-701 consists of dual 4-20 mA current outputs.

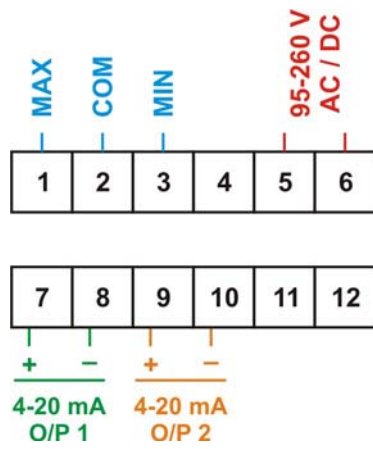


Transmitter EE-701

Specifications :

Max. no. of Tap	: 35 or as specified
Max. Temperature	: 150°C
Step Resistance / Tap	: 1K or as specified
ROTI / RWTI Pot	: 440E or 2K8
Supply Voltage	: 95 to 260 V AC/DC
Output	: Dual 4-20mA DC Current
Mounting	: Din-rail mounting / Wall mounting
Wall mounting dimensions	: 52 (W) x 60 (H) mm
Overall dimensions	: 42 (W) x 112 (H) x 87 (D) mm
Operating Temperature	: 0 to 45°C
Weight	: 0.5 Kg approx.

Connection diagram for Transmitter



Transmitter Connections

WARRANTY

This product from EMCO ELECTRONICS is warranted against defects in materials and workmanship for a period of 12 months from the date of dispatch to the first buyer/purchaser of this equipment, this being essentially limited by warranties given to EMCO ELECTRONICS on the component used in equipment.

During the warranty period, EMCO ELECTRONICS will at its option, either repair or replace the product which proves to be defective provided the product has been used with reasonable care and in accordance with the manuals/product specification. Consequently this warranty shall also not apply to defects/damages in transit or resulting from misbehaving, misuse, unauthorized modifications or repairs operations outside the environmental, electrical and/or other specification, improper or inadequate maintenance of the product, or site conditions as required/recommended and damages arising from accidental or abnormal causes.

The warranty period for items repaired/replaced shall not exceed the period for which the equipment was originally warranted and also the liability of EMCO ELECTRONICS to the purchaser shall not in any case, exceed the original purchase price of the equipment.

For warranty service or repair, the equipment must be returned to EMCO ELECTRONICS securely packed on Freight paid basis and accompanied by a certificate stating that the equipment is being returned for warranty repairs along with details of the purchase (Purchaser's Name, and address, Invoice No. and Date of purchase) and details of the equipment failure, faults conditions, other useful information to facilitate early repair/rectification of the equipment.

Return of the equipment duly repaired can be arranged on payment of the packing and forwarding charges together with any other taxes, duties, other miscellaneous expense incurred. Alternatively the purchaser may arrange to collect the equipment from EMCO ELECTRONICS. In case the repairs are not covered under warranty, the charges for the same must also be paid before collection of the equipment.

Our engineer's services are available at site for instruments during warranty or out of warranty period, on chargeable basis, details of which are available on request.

In the interest of development and improvement, EMCO Electronics reserves the right to amend without notice, details contained in this publication. No legal liabilities will be accepted by EMCO Electronics for any errors, omissions or amendments.