

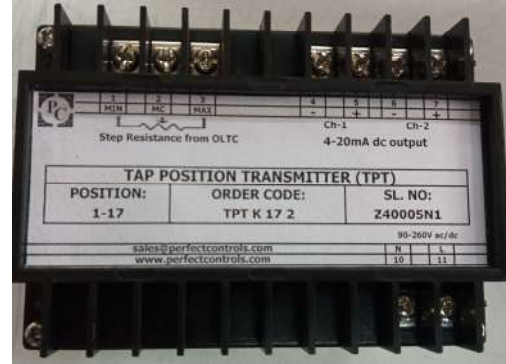
TPT - Tap Position Transmitter

1. Description:

TPT is a Rail Mountable Tap Position Transmitter. 10Ω, 100Ω or 1000Ω step resistance from On Load Tap Changer (OLTC) is connected to the input of TPT. TPT converts this step resistance into 4-20 mA, dc analog current signal. This signal is used to display the Tap Position at a remote point.

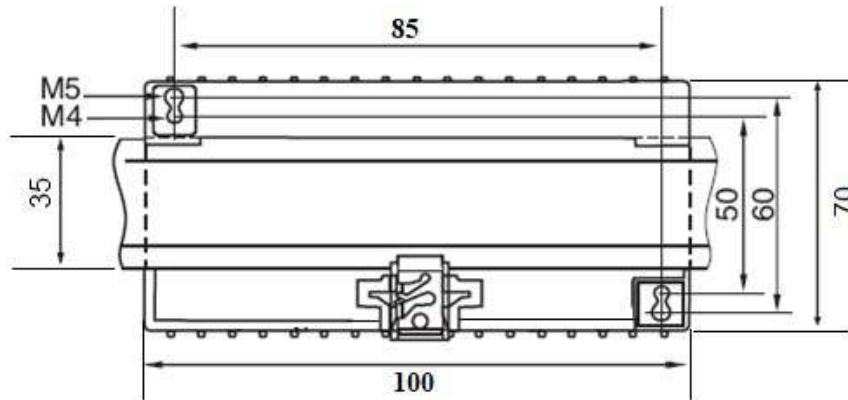
2. Features:

- Model: Tap Position transmitter (TPT)
- Input : 10 Ω, 100Ω, 1000Ω, 2800Ω step resistance
- Output: 4-20 mA dc (single / dual)
- Universal Power Supply 90-260V AC/DC
- Burden on output: 500Ω
- Compact DIN Rail / wall Mountable



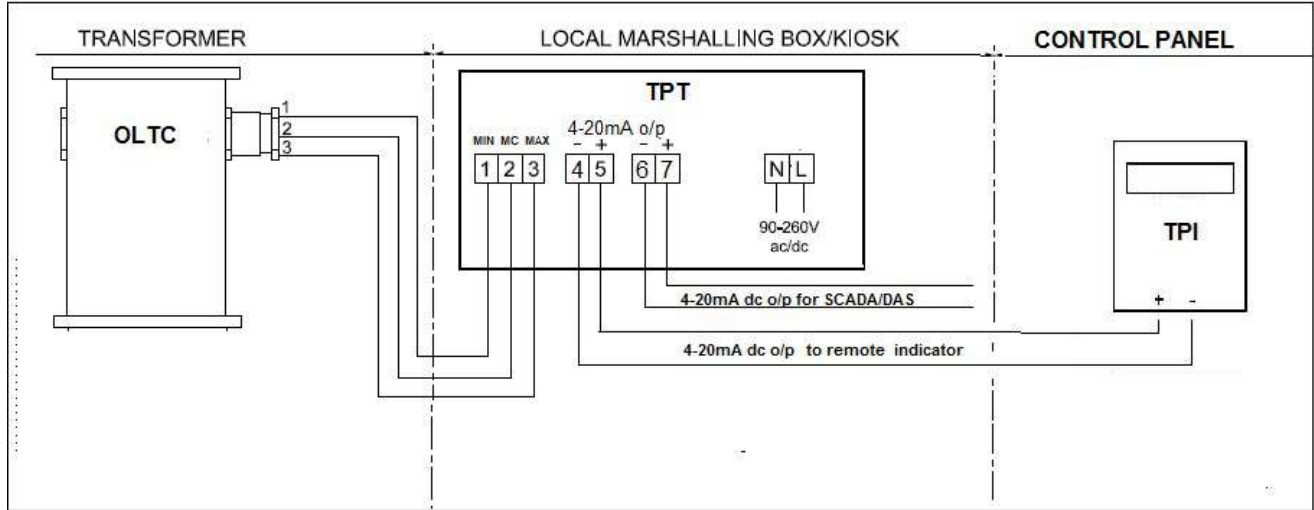
3. Technical Specification

Power Supply	90-260V ac/dc
Input	10Ω, 100Ω, 1000Ω, 2800Ω step resistance (to be specified on order)
Analog output	4-20 mA suitable for 500Ω Burden (single / dual optional)
Accuracy	10 Ω / 100Ω / 1000Ω / 2800 Ω ± 1%
Insulation Resistance	≥20MΩ Between Power Supply terminal to signal input and output terminals when measured with 500 V DC Insulation tester
Isolation	2500V AC rms between Power Supply terminals to Input and output terminals for 60 secs.
Warm Up time	15 minutes (Min)
Dimension	100(L)x 70(W) x 113(H) mm
Range	1 to 17 position (other range on order)
Mounting	DIN Rail (35mm) / wall mounting



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4. Interconnection schematic



ORDER FORM

TPT	
Input Step Resistance	Output
D : 10 Ohms	1: One 4-20 mA dc analog output
C : 100 Ohms	2: Two 4-20mA dc analog output
K : 1000 Ohms	
P : 2800 Ohms	
No of Steps	
05 : 1- 5 Position	
17 : 1-17 Position etc up to	
35 : 1-35 position Other range on special order	



PERFECT CONTROLS

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Subject to change without notice

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