

## TAP POSITION INDICATOR : FE-2201



TPI's (Tap position indicator) purpose is to read, indicate, count and transmit the present tap which transformer is working on. From OLTC three output terminals are extended up to TPI named as Max, Com and Min.

### Features :

- Automatic maximum tap detection.
- In-built compatibility for different step resistances including 10E, 12.5E, 100E, 300E and 1K which can be selected in control settings.
- Bright red 0.56-inch 2-character 7 segment LED display.
- User settable Time Delay. 2-99 secs.
- Up to 4 opto-isolated 4-20 mA outputs, programable for digital calibration of zero and span settings.
- Reverse polarity protected outputs with ESD and EFT protection. I/P protected from static discharge and EFT surge by TVS diode.
- Digital Calibration for both present and maximum tap positions is given. The user can calibrate taps in the control settings.
- Embedded with a powerful microcontroller for fast & enhanced processing. Easy and flawless control settings for setting parameters by user.
- Robust, rugged and compact design

### Technicalities :

- Maximum tap positions : 35 or user specified
- Input type : Tap Resistance chain or 4-20 mA I/P
- Step / Tap Resistance : 10E, 12.5E, 100E, 300E, 1KE (In module programmable by user)
- Display : 2-character, 0.56-inch, Bright Red, 7 Segment LED Display
- Supply : Universal Supply, 85-265V AC/DC
- Power consumption : 5W
- Number of Outputs : 4 / 2 / None
- Type of Outputs : 4-20 mA current loop O/P, optically isolated from measurement system
- Max Burden : 700 ohms
- RS 485 Output : Available as per user need.
- Panel Cut-Out : 92 X 92 mm
- Enclosure Dimensions : 96 X 96 X 85 mm ( H x W x D)
- Mounting style : Panel Mount
- Working Temperature : 0 - 60° C
- Weight : 300 grams approx.