

DT Microranger Series 5 Digit Panel Tachometers DT48 Series

The DT series of Panel Tachometers are designed for rpm applications where no scaling is required or a limited range of scaling is required, for example input pulse division.

There are 2 models with input pulse dividers and sensor selection in either mains 110/240vac or 12v dc versions.

The basic model is supplied as a ratemeter only and has a speed range of 3-99,999 rpm from a speed sensor input based on 1 pulse per revolution.

Models are available with all functions brought out to the front or rear panels providing full scaling facilities, analogue output, selectable resolution, count and time modes.

Main features:

- Wide input pulse rate range - 0.001 - 99,999 per minute
- High accuracy and ease of reading
- 5 Digit LED display
- Input pulse Divider option 1 - 999
- Selectable display resolution - 4 options
- Low speed capability - 3 rpm to 0.001 res
- Sensors - a range of VLS series Optical Sensors available including Laser type, N PN Proximity Sensors

Additional features:

- Time interval for cycle time & reciprocal rate measurement (very low pulse can be monitored)
- Count mode - up to 8 digits autoranging
- Time accumulative mode - average for rate calculation

Power input options

110/240vac
12/24v dc



General Specification

Speed range	3 to 99,999 units
Resolution	Max 0.001
Accuracy	0.02% +/- 1 digit
Timebase	6MHz crystal
Count mode	up to 8 digit (autorange)
Time int. mode	0.01 - 99999 secs (reciprocal)
Time Acc.	0.01 - 99999 secs (total time of all counts)
Input divider	1-999 (only on model with selectors)
Sensor select	Via switch selection on rear panel. (This option on model with divider only)

Order Codes	Description
DT48100	110/240V AC