



TACHTROL® 10 & 30 Dual Input Digital Tachometer

Part Number Series
T77610 & T77630

CE
RoHS

TACHTROL 30 Key Features (T77630):

- Wide range of **AC or DC** power (12-30 Vdc, 80-264Vac 50-60Hz)
- Greatly improved instrument accuracy, processing speed and response time.
- Frequency, period or counter modes.
- User-defined inputs for logic level, averaging, alarm set points and hysteresis,
- Signal normalization and math functions allow mathematical manipulation of input signals. Results can be displayed along with user-defined units.
- Accepts sinusoidal and square wave inputs as found in variable reluctance and digital output speed sensors.
- Accepts bi-directional sensor inputs and will decode quadrature or direction signal logic
- 2 solid state relays (fast response time) and 2 mechanical relays (high power)
- Analog output: 0-20mA, 4-20mA, -20-0-(+) 20mA (can be used with bi-directional sensor)
- Two programming methods: Front panel on display or USB2.0 connectivity to PC / Windows-based **TACHLINK**.
- Utility **RS485** communication allows full **TACHLINK** function over longer distances (up to 8000 ft)
- Drives up to 7 remote displays (**TACHTROL plus**). A single display can be up to 1000 ft away with a simple **RJ11** (phone jack) connection. Longer runs, cable type and number of displays will affect distance.
- Security mode protects unauthorized access for programming or alarm resets (through display or **TACHLINK**)
- Environmentally hardened for temperature, vibration and shock. **EMC / CE** compliant to current BS / EN directives.
- Has integrated display and will mount in same panel opening as **TACHTROL 3**
- Display capabilities include two independent output channels for speed, count period or equation results, Alarm status / security, Mode, User defined units for each channel, 128x64 LCD graphics display with backlight.
- Designed and manufactured compliant with RoHS.

TACHTROL 10 Key Features (T77610):

- Same as **TACHTROL 30** but excludes solid state relays, analog output and utility **RS485**

It is the customer's responsibility to determine whether the product is proper for customer's use and application.