



MT-02 series Electronic Control Units

The MT-02 series are panel mounting micro-processor based control instruments for batching control. They are fully user programmable and will adapt directly to any TM-44 turbine, COVOL, TTL output, or equivalent pulse generating output transducers.

Applications

- Automated process control in any industry with batching or volume control.

Benefits

- Very simple to use.
- Bright LED display, 7 digit data, 1 digit mode.
- Direct interface to Turbines, Covol etc.
- Fully programmable by user.
- Battery back-up stores all data on power failure.
- Volume totalizing counter.
- Volume partial counter.
- Batching relay.
- Remote start push button for batching.
- Standard DIN 96 x 96 panel mounting.
- Plug in connections with screw terminals for easy installation and maintenance.
- Dual relay version for fast approximation and slow finish (two control valves).
- Centesimal version for small flowmeters.
- Optional interface with 12 and 5 volt proximity detectors.



Technical Data

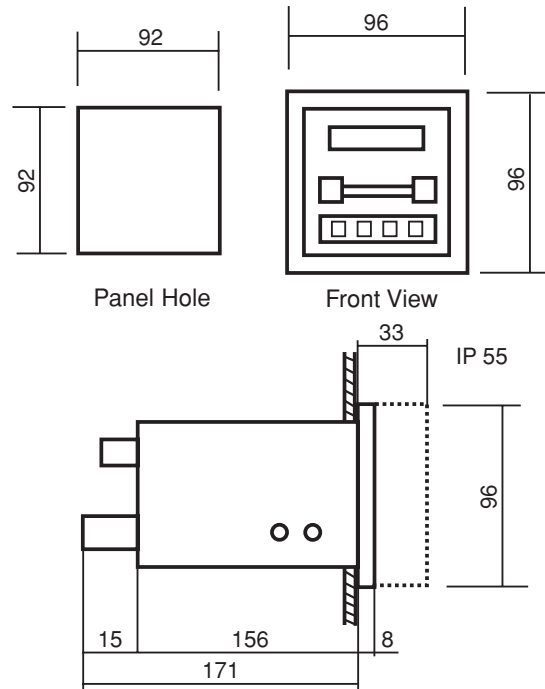
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|----------------------|---|----------------------|---|
| • Power supply | 110, 220, 240, 24 V ac 50-60 Hz
12, 24 V dc | • Remote batch start | By means of a push button |
| • Power consumption | < 1 VA | • Precision | No lost pulses |
| • Input signal TM-44 | 20 mV...3 V ac, 0....2000 Hz | • Temperature range | -10°C..... 60°C |
| • Input signal COVOL | Reed contact, 0.... 100 Hz | • Relay | 1 A, 250 V ac, 200 VA |
| • Input signal TTL | 5 V, 0....10,000 Hz | • Litres per pulse | 0.00001.....99.99999 Standard
0.0000001..0.9999999 Centesimal |
| | Version for open collector pulse generators (MT-02/5) | | Standard version works in litres, Centesimal version works in litres with two decimals. |



Ordering Information

MT-02/ a / b / c / vvv

- a** = **Number of relays**
= 1 for one relay version
= 2 for two relay version
- b** = **Software version**
= S Standard version
= C Centesimal version
= P With password
- c** = **Input Type**
= 1 COVOL
= 2 Turbine Pick-up
= 3 TTL
= 4 for 12 volt proximity detectors
= 5 for 5 volt pulse generators or open collector
- vvv** = **Power supply voltage**
= 110 110 V ac 50-60 Hz
= 220 220 V ac 50-60 Hz
= 240 240 V ac 50-60 Hz
= 024 24 V ac 50-60 Hz
= 24d 24 V dc
= 12d 12 V dc



Tecfluid designs and manufactures measuring instruments for liquids and gases, employing the most advanced technologies.

Flowmeters

- Tapered metering tube in Borosilicate glass
- Tapered metering tube in transparent plastic
- Variable area with metal metering tube and indication by magnetic transmission
- Target disc with indication by magnetic transmission
- Orifice plate with by-pass flowmeter
- Electromagnetic flowmeters
- Vortec

Counters

- COVOL (rotating piston volumetric counter)
- TM-44 (turbine type flowmeter)

Levels

- Limit switches
- Level indicators
- Level transmitters with analog output (4-20 mA etc.)

Electronic Equipment

- APTM44 - Pulse amplifiers
- MC-01 - Programable flow indicators with batching
- MT-02 - Programable counters for batching
- CI420 - Programable frequency to analog output converters (4-20 mA etc.)
- DFD - Programable frequency dividers

We are at your service, please consult us.
TECFLUID develops and manufactures instruments for gases and liquids, using the most advanced techniques.
Request Information by telephone n° 01 34 64 38 00



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