



TDM 10-60



Flow and Pressure-Meter

sebaKMT



TDM 10-60

Description

The portable pressure and flow meter TDM 10-60 comprises two units viz the flow technical and the flow technical and the electrical part. Both units are interconnected by means of a connecting lead.

The flow technical part includes an inductive flow meter (IDM) with a measuring range of 0 to 60 m³ as well as the pressure sensor 0 to 16 bar.

The electrical part includes the change over device for the measuring ranges 3/15/60 m³, the quantity indication 0 to 999.999 litres with numerical display, the dual curve tracer for recording of pressure and flow and the analogue meter indication for pressure and flow per minute with the three measuring ranges: 50/250/1000 l/min.

The test currents for pressure and flow are led out via two pairs of sockets to which A/D converters can be connected in order to transmit and process the measured values on a PC. Additionally the possibility exists of connecting a data logger to these sockets for the purpose of recording the measured values on site and transmitting them to a PC at a later date.

Current supply of the complete equipment is provided from built-in stable and overdischarge-protected accumulators. Their voltage is displayed on a battery indicator. The accumulators are charged by means of an external charging unit.

This equipment is also available in a portable version.



Technical Data:

Module A:

| | |
|------------------|---|
| Flow measurement | 3-15-60 m ³ /h |
| Tolerance | +/-1.5 % |
| Quantity | 0 - 999.999 l |
| Nominal width | DN 50 |
| Connection | B - couplings |
| Current output | 2 x 4 - 20 mA |
| Dimensions | 570 x 270 x 400 mm |
| Weight | 29 kg |
| Contents | Bypass, inductive flow meter, pressure gauge, meter l/min |

Module B:

| | |
|--------------------------|----------------------------|
| Flow meter | 0-50-250-1000 l/min |
| Strip chart rec | 2 x 100 mm |
| Paper supply | 10 ... 3600 mm in 15 steps |
| Pressure | 0-16 bar |
| Quantity | 0-999 999 l |
| Accumulators Pb 2 x 12 V | 12 Ah |
| Operating time | 10 h |
| Dimensions | 570 x 270 x 400 mm |
| Weight | 22 kg |

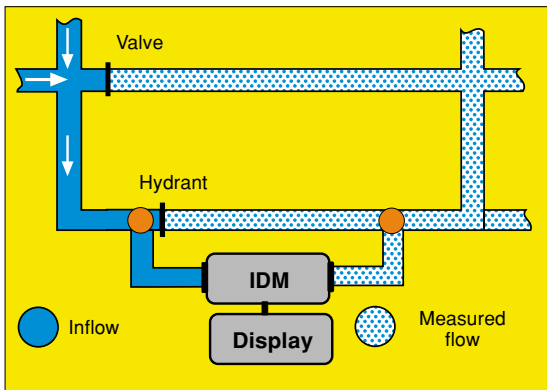


Figure 1: Principle of measurement

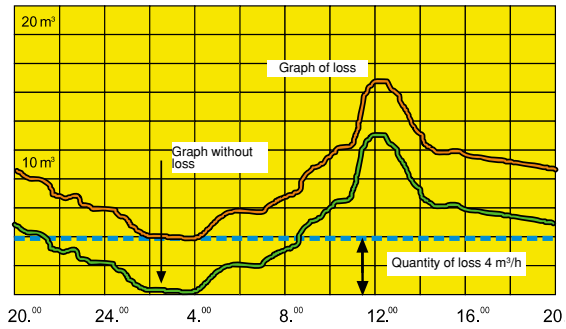


Figure 2: Result of measurement

DIN ISO 9001

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Technical data subject to change without notice.
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