



ROBUST HIGH QUALITY FLOW MONITORS- AND METERS



Eletta's Flow Monitors and Flow Meters have been used for 70 years!



V1 and V15
Flow Monitor with
one set point



S2 and S25
Flow Monitor with
large scale and two
set points



D2 and D5
Flow Meter with
display, two set
points and
4-20 mA output



M3
Flow Meter with
4-20 mA output

V Series

The V1 and V15 are basic models without local indication and one micro switch set-point. It is adjustable within the flow range of the monitor. They are very robust, e.g insensitive to magnetic fields, and well suited for rough industrial applications.

NEW - all Stainless Steel



S Series

The S2 and S25 models have a large and easy readable dial of 120 mm which is clearly visible even in a harsh and dusty industrial environment. They have two micro switch set-points. They are independently adjustable within the measuring range and can be set for high- and low flow alarms. The S-series is also insensitive to magnetic fields.

NEW - all Stainless Steel



D Series

The D2 and D5 Flow Meter is the most recent model with microprocessor based electronics and back lit digital display. The display is possible to rotate 90 degrees (electronically) which makes it possible to install the monitor both vertically and horizontally in any piping system. The D2 and D5 is equipped with a 4 - 20 mA output signal as well as local alarms. A linearization possibility of the flow curve is built in. Pulse output feature.

M Series

The M-series is simple, rugged and reliable integral orifice based differential-pressure flow meter. The M3 is a compact, versatile and programmable electronic flow meter. All parameters are accessible through a computer interface and it yields a 4-20 mA output for flow measurement. The software enables you to choose between three modes: Liquid flow, Gas flow, or DP reading, where the Gas Flow mode has an inbuilt pressure & temperature compensation.

The Eletta type V-, S-, D and M-series are based on the proven and reliable differential pressure principle, using interchangeable orifice plates for different measuring ranges. They are available for threaded connections DN 15 - 40 and wafer connections DN 15 - 550 and in different material of construction such as bronze, painted cast iron, nickel plated and stainless steel. The V- S- and D-series comes in two measuring ratios, 1:2 and 1:5, which is indicated by the designation of the models and the M-series is always 1:10. Flow ranges are available from 0,2 l/min to 25 000 l/min.

Please see separate specification sheets for details.



Learn more about Eletta Flow, see our film at www.eletta.com



TIVG
Flow Monitor with
large scale and two
set points

TIVG Series

The acquisition of the ABB TIVG Flow Indicator made Eletta Flow Monitors Product line even more complete and today Eletta is known to be the market leader in the field of mechanical Flow Monitors. These products have been in service in power stations around the world for many years and they are being specified again and again for new and refurbished plants.



SP-G and EF-G
Flow switches

SP-G and EF-G

The SP-G and EF-G models are designed for smaller pipe dimensions with threaded process connections for DN15 and DN20. These switches work on the principle of variable flow area where the alarm switch point is allowed to be set at a very low flow (from 1,5 l/min up to 30 l/min) and still capable of handling full flows. The SP-G model has a mechanical micro switch and the EF-G has an inductive sensor. The construction allows horizontal or vertical mounting. Another feature is that the outlet can be rotated 90° or 180° with respect to the inlet which enables installation in places where space is limited.



SP-GA
Flow switch

SP-GA

SP-GA is a larger model with a DN40 process connection and one mechanical micro switch. It has a fieldadjustable setpoint within a range of 3 - 70 l/min whilst allowing a maximum flow rate of 300 l/min. Filters and reducer couplings are available to adapt it to smaller pipes as low as DN25.



PR1
Flow switch

PR1

PR1 is the well-proven low cost paddle type of switch which is suitable for applications where limited accuracy is required. The lowest setpoint is approximately 100 l/min in a DN 50 pipe. The PR1 creates very small pressure loss as the paddle aligns itself with the flow.

These Flow Switches are based on the principle of variable flow passage area. This makes them suitable for detecting small flows whilst at the same time letting large flows pass without any appreciable increase in pressure loss.



Create your own Eletta device with our Product Configurator at www.eletta.com

A wide field of application

Eletta products supervise and protect everything from simple cooling circuits in induction heating machinery to the various gas flows in manufacturing processes. The company's proven orifice plate technology is highly effective and well recognized.

- **Monitoring flows in cooling and lubricating circuits**
- **Antifreeze protection of heat pump systems**
- **Dry out protection**
- **Starting and stopping of pump motors**
- **Monitoring flows at high temperature and of high viscosity**
- **Customized designs**

Unique selling points

- **Rugged - heavy duty**
- **Simple & dependable**
- **Good repeatability**
- **For gases and liquids**
- **Quick response times**
- **Position independent**
- **Insensitive to magnetic fields**
- **Wide range of pipe sections & materials**
- **Compact Flow Meter**
- **Factory calibrated**

The Eletta Group

The group develops equipment and technologies for monitoring and maintaining the flow, the consistency and the cleanliness of fluids. We provide technology that simplifies fluid management within industrial, environmental and leisure settings. From nuclear power stations to water treatment plants to paper mills, there are countless processes in which the condition and cleanliness of fluids are central to an organisation's success. The Eletta Group is a growing global organisation with employees and subsidiaries in Sweden, Germany, France, China and India.

Eletta Flow AB

A Swedish company producing Flow Monitors and Flow Meters. The strong reputation of the company is based on robust design, longevity and precise deliveries. Eletta's differential pressure Flow Monitors are extremely well suited for rugged industrial environments. For more than 70 years Eletta Flow has supplied customers worldwide from the production site just outside of Stockholm. Eletta is certified according to ISO 9001 and ISO 14001. Eletta Flow is represented in almost 40 countries around the globe. Our web site www.eletta.com contains more information and you can reach our customer support at info@eletta.com or contact your local Eletta representative.



"We are proud to manufacture high quality flow monitors- and meters for over 70 years and we know for sure that you will be highly satisfied when investing in our solutions."

Chris Engström CEO, Eletta Group

In our technical data sheets you will find full details of the design, pressure drop graphs, measuring ranges and dimensional drawings. We welcome you to our web site at www.eletta.com for more information about Eletta and our Products. Try our Product Configurator and create your own Eletta device.