



Gear flow sensor VHM Series

The positive displacement gear flow meters of the VHM series are based on the meshing gear principle and are suitable for a wide variety of liquids, especially liquids with high abrasiveness and poor lubricity. Each tooth generates an impulse by recognition of the gear rotation by a non-contact detection system according to the carrier frequency principle. The VHM flow meters are available with single, double or quadruple resolution and signal-output with NPN- or PNP-switching mode. Additionally, the flow meters are dead spaced optimized for (easy flushing) use in the paint industry and for paint spraying systems.

Performance data

- Flow range 0.01 up to 20 l/min
- Pressure range up to 250 bar
- Temperature range -20 up to +120°C
- Frequency range up to 1,000 Hz
- Viscosity range 1 up to 20,000 cSt

Applications

- Paints, dyes
- Coatings
- Chemicals
- Pharmaceuticals
- Two component mixers
- Petrochemicals

More information on the product series VTR can be found in our product catalogue. For detailed information and technical specifications, please contact our employees.