

DOSIER
PRÜF
TECHNIK
GMBH



Automatisieren
Dosieren
Messen
Montieren



SENSORS

DOSING MONITORING

Precise measurement and monitoring
for stable dosing processes

www.dptechnik.com

PRECISE MEASUREMENT AND MONITORING FOR STABLE DISPENSING PROCESSES

Sensor technology plays a central role in dispensing technology. It ensures that material flows are continuously monitored and regulated in order to achieve exact dosing results - whether in the **detection of flow failures**, high-precision **volume measurement** or non-contact **flow control**.

Irregular material flow, air bubbles in the medium and inaccurate dosing lead to **production errors** and increased **reject rates**.

Without a reliable sensor system, **fluctuations in the material supply** can go unnoticed and have a negative impact on the end product quality - especially in demanding applications where **highly viscous media** such as adhesives, lubricants or sealants are processed.

This leads to unexpected **downtimes**, increased **maintenance costs** and inefficient production processes.

D+P offers a wide range of **sensors** that master precisely these challenges. Our **flow meters**, **ultrasonic sensors** and **gearwheel flow sensors** offer the highest measuring accuracy for exact dosing quantities.

Thanks to this variety, we have the **right solution** for every application - for more precise, more stable and more efficient dosing processes.

PRODUCT RANGE



FLOW METER SMG06

The SMG06 detects flow interruptions in continuous and discontinuous processes. It is particularly suitable for processes with highly viscous media such as lubricating greases, sealants or resins. Ideal for quality assurance and process monitoring.



Data sheet

- ▶ Real-time detection of flow interruptions
- ▶ Modular design for easy integration
- ▶ High sensitivity even with the smallest quantities

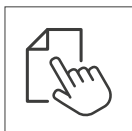
ULTRASONIC FLOW SENSOR UDS

The UDS measures the flow without contact using ultrasound. Ideal for applications where the sensor must not come into contact with the medium, such as in the food or pharmaceutical industries.



Data sheet

- ▶ Maintenance-free, as there is no contact with the medium
- ▶ High repeat accuracy up to $\pm 0.1\%$
- ▶ No pressure loss due to clamp-on technology

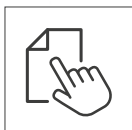


Data sheet

VOLUME SENSOR VC0.025

The VC0.025 is based on the gearwheel principle and is specially designed for high-precision volume measurements of small flow rates. Particularly suitable for lubricants and low-viscosity media.

- ▶ Measuring range: 0.008-2.00 l/min
- ▶ Resolution: 40,000 pulses/l



Data sheet

VOLUME SENSOR VCA0.04

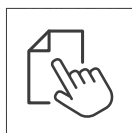
The VCA0.04 also works according to the gearwheel principle, but is designed for a larger flow range. Particularly suitable for lubricants and low-viscosity media.

- ▶ Measuring range: 0.004-4.00 l/min
- ▶ Resolution: 25,000 pulses/l

MORE INFORMATION

PRODUCT CATALOG

You can find our extensive range of dosing technology here:



YOUR BENEFITS



MAXIMUM PROCESS RELIABILITY

Reduction of production downtime and rejects thanks to continuous monitoring of critical parameters.



MAXIMUM DOSING ACCURACY

Precise measurement of material flow and volume flows for perfect dosing results without deviations.



FLEXIBLE USE

Suitable for a wide range of applications and viscous media - from liquids to sealants.



EASY INTEGRATION

Can be easily integrated into existing or new systems thanks to its compact design and modular connections.



DURABLE TECHNOLOGY

Long service life thanks to high-quality materials and well thought-out design.



MINIMIZED MAINTENANCE

Reduced downtimes and maintenance costs thanks to robust and low-maintenance components.



COST-EFFICIENT SOLUTIONS

Long-term reduction in operating costs by reducing material waste and rework.

CONTACT US NOW!

From individual dosing components to complex dosing systems and units - our team will be happy to support you with individual advice and find exactly the right solution for you!

☎ +49 9081 27593 0
✉ info@dptechnik.de



EXACTLY YOUR SOLUTION!

D+P,
Dosier- u. Prüftechnik GmbH
Emil-Eigner-Straße 3
D-86720 Nördlingen



www.dptechnik.com