



## **New sensor electronics for VS(I) series**

The sensor electronics of the VS(I) series has been revised with a pioneering development. For the new series "VSI+" the transducer system for scanning the rotation movements of the internal gear pairs has been edited .

The core components of the transducer system are two magnetoresistive sensors, each embedded in a sturdy, compact plastics injected moulded part. Compared to the current system, these sensors are installed outside the flow through measurement chamber, so there is no longer any direct contact with the fluid.

Furthermore, the signal quality has been increased. In combination with high performance preamplifier electronics, higher resolutions (IPF factors) are possible and frequency interferences independent of the flow are eliminated.

A constant signal processing ensures the quality of the output impulses, even under difficult conditions like high temperatures or high load changes.

A switchable impulse filter for a suppression of interfering pulsations in the fluid system and a direction switching have additionally been integrated.