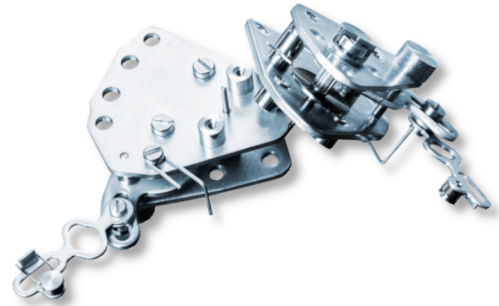


## V 075 MANODAMP® – Movement with axle damping

Many years of testing and experience have led to our **MANODAMP®** movement with axle damping. It has been used for decades and proven itself very well with our customers.

The modern version with double damping of pointer and segment shafts/axles and the unique construction of the connection to the measuring element with compensating springs is today's standard.



This solution was designed considering the problems of **liquid-filled devices**:

Pressure surges and vibrations strongly affect the readability and service life of pressure gauges. Previously, this could only be solved by filling the cases of pressure gauges with glycerine/silicone oil. The increased weight and potential leakages are however significant disadvantages.

**Liquid-filled pressure gauges are therefore not an optimal approach.**

The **MANODAMP®** movement from Schmierer, on the other hand, enables the use of dry pressure gauges under operating conditions that can otherwise only be handled with liquid-filled devices.

**Major advantages of MANODAMP® versus the "classic" oil filled case:**

- ✓ Vibration-free display without leaking of filling fluids
- ✓ Price advantage versus oil-filling
- ✓ Superior damping performance
- ✓ Easier maintenance and replacement
- ✓ Longer service life, even in rough environments
- ✓ Less weight than filled pressure gauges
- ✓ Modern up-to-date construction for the needs of chemical, petrochemical and pharmaceutical industries
- ✓ Also suitable for FDA applications
- ✓ Good experiences in long-term use by customers



**MANODAMP® – Your first choice in damping of pressure gauges!**