

## Volume corrector accessories: New adapters for universal temperature sensors

# “Not fitting? Not a chance!”

Since the start of this year we have been supplying volume correctors exclusively with a universal temperature sensor. This stainless steel sensor has a diameter of 5.9 mm and is 50 mm long (Fig. 1). The integrated cable is connected to the metal housing of the sensor, oil-resistant and oil-tight.

Thus this sensor fits into all normal thermowells that have an internal diameter of at least 6 mm. A further advantage for our customers is: when ordering a volume corrector, this selection criterion no longer needs to be taken into account.

A cable gland, which is firmly attached to the thermowell, is used to secure and seal the sensor in the thermowell EBL50/67 (Fig. 2).

**One question remains: what is to be done should the new sensor have to be used in existing systems with the “old” thermowells (e.g. EBL50 or EBL160)?**

No problem! In these cases there are two different adapters available, with which the sensors can be professionally secured in the old thermowells. The same sealing sleeves are used to seal the sensor as are

also used for the protection of the pressure ports by the calibration authorities (Figs. 3 and 4).

We find: a simple and safe solution!

Rüdiger Pfeil

[ruediger.pfeil@elster.com](mailto:ruediger.pfeil@elster.com)



Fig. 1: Universal temperature sensor

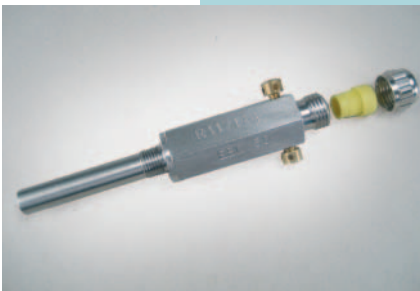


Fig. 2: New thermowell EBL50/67 with cable gland



Fig. 3: Adapter for old thermowells EBL50/67



Fig. 4: Adapter for thermowells EBL160/250

