

Press release

Cleverly combined

New WPVP-N combination water meter from ZENNER measures widely varying flow rates

ZENNER is extending its range of products by a new combination water meter. The WPVP-N is a combination of main and auxiliary meter and is thus ideal for the precise measurement of the most diverse nominal flow rates. A newly developed counter with non-reactive, electronic sampling is at work inside the combination water meter. The meter is set to be introduced onto the European and Asian markets in the second quarter of 2011 in the nominal diameters DN 50, 80 and 100.

The WPVP-N combination water meter is recommended for municipal water supply companies at home and abroad and also for customers with a varying water requirement. This type of meter is required wherever there are strongly differing water consumption situations, for example in an industrial company with an office wing: If little water is needed in the office, the auxiliary meter measures the consumption. If production starts up and consumes a large amount of water, this flows through the main meter. A special valve is responsible for 'switching in' the main meter. Apart from industrial applications, this technology also makes the WPVP-N suitable for the measurement of consumption in sports centres, swimming pools, shopping centres and schools, as well as for installation in buildings where fire extinguishing water is required. The WPVP-N is available with the auxiliary meter mounted on the right or alternatively on the left of the main meter.

Reading is flexible – the consumption data of the main and auxiliary meters can be read directly or conveniently by means of remote reading. A newly developed counter with non-reactive, electronic sampling is available for this, thus enabling smart communication. The data can be transmitted via MBus, wireless MBus, ZR-Bus, radio or pulse interface, as required. Integrated detection of the direction of flow avoids differ-

ences between the actual meter reading and the remotely read value. The WPH-type main meter also has an exchangeable metrological unit (removable measuring module), so that calibration exchange is possible without the need for elaborate installation work.