

New name and new app

## AFRISO SMART HOME



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The new AFRISOhome app makes things a lot easier for smart home installers and smart home users. The app helps you teach in new wireless products in an intuitive way with just four taps: Add new device, select wireless standard, select sensor/actuator from the cross-vendor device list, press START and press the LEARN key of the product. Done.

### Intuitive and easy app operation

The function PROgrams allows you to automate procedures or sequences of alarms (in

the case of a critical situation) by means of If-Then functions. For example, you can trigger repetitive tasks at given points in time or create complex programs that make life easier. It is possible to create GROUPS for convenient default situations for rooms. Of course, all sensor states and consumption data are graphically displayed – on the smartphone, tablet or the new web app for PC and notebook.

*Learn more about AFRISO Smart Home products on the following pages*



### EDITORIAL

### Dear Reader

*SIMPLE is the motto for Smart Homes. AFRISO rises to the challenges this motto entails with a new name for its product portfolio which allows for intuitive product assignments and facilitates consulting between professionals and end customers. AFRISOLab is now AFRISO Smart Home. This "simplicity" is immediately evident in the products which are taking indoor*

*climate, security and convenience to whole new levels. We would also like to introduce you to a number of new products which will make your daily work a lot easier and save you considerable time. This includes level sensor testing, flue gas or pressure measurement with wireless sensor modules for handheld measuring instruments and smartphones or automatic hydraulic bal-*

*ancing. Convince yourself at this year's trade fairs or during a visit to your premises – we look forward to a productive dialogue with you.*

*We wish you pleasant reading.*

*Best regards  
Matthias Blasinger*

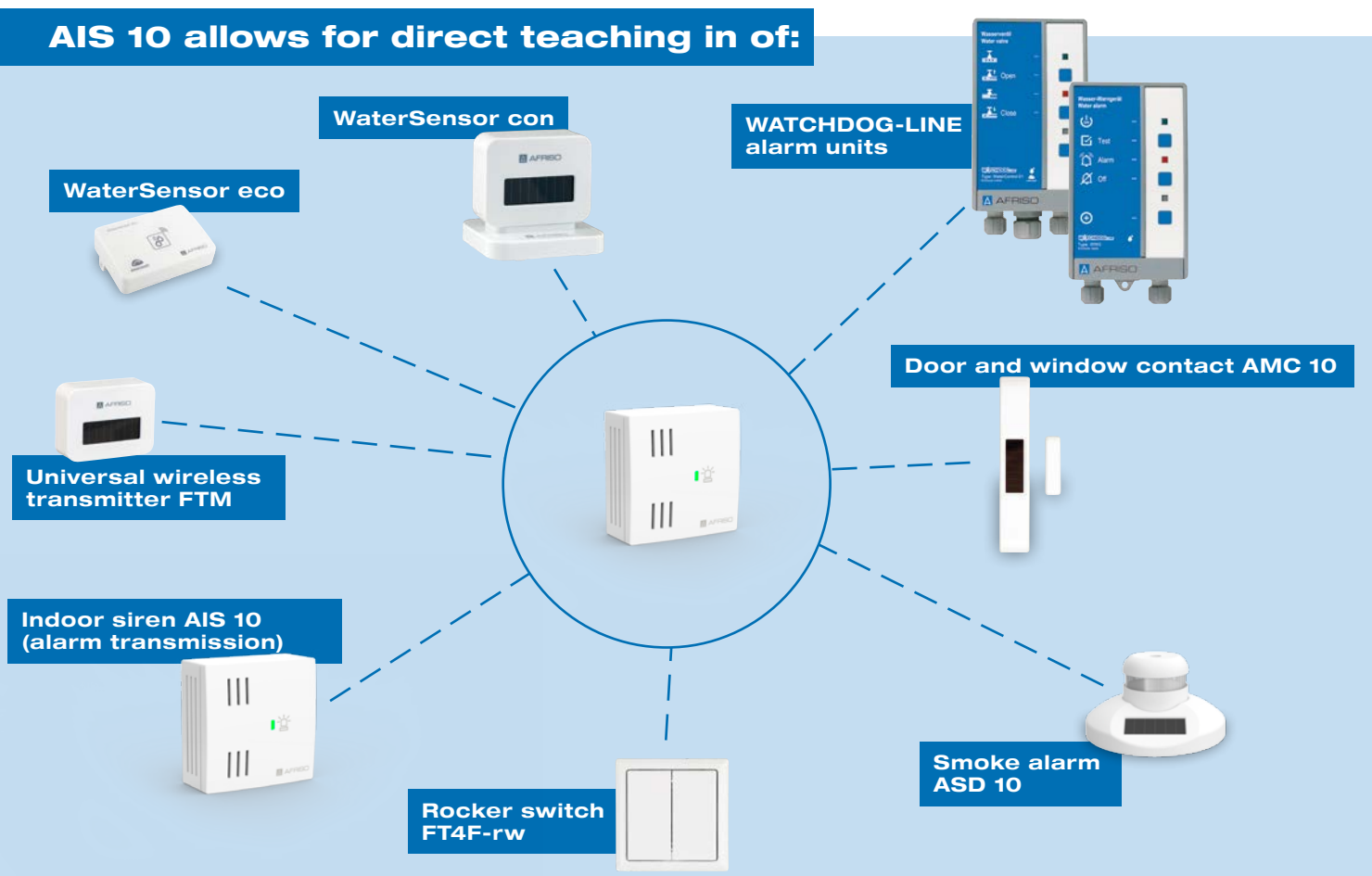
*Managing Director Sales  
AFRISO-EURO-INDEX GmbH*

## Getting loud

If it gets really loud in the house, this may be for very good reasons: The new AIS 10 indoor siren frightens off trespassers and alerts residents with a loud alarm tone of 85 dB. Once plugged into a power outlet, it is ready for many tasks. In the most simple setup, the siren operates in stand-alone mode without a gateway making it possible to directly teach in a great variety of EnOcean® wireless sensors. It is triggered as soon as one of the connected devices sends an alarm.

Using the indoor siren in conjunction with the AFRISOhome gateway takes functionality to the max: In addition to emitting a loud alarm tone, it repeats the alarm message from the corresponding sensor and ensures reliable signal transmission in the Smart Home system. An integrated repeater increases the range and allows you to include, for example, multiple floors in your smart home.

### AIS 10 allows for direct teaching in of:



### New starter set SECURITY

The foundation of a secure smart home. The set frightens off trespassers, triggers alarms in life-endangering situations and helps prevent serious water damage.

#### Scope of delivery:

- WaterSensor eco
- Smoke alarm ASD 10
- Door/window contact AMC 10
- Indoor siren AIS 10

- AFRISOhome gateway HG 01 (WLAN, LAN, EnOcean, Z-Wave)

Part no. **61251**

Additional  
AFRISO SMART  
HOME starter  
sets:



## Hazard detected – hazard averted

The new VDS-tested ASD 10 smoke alarm is yet another important security component of the AFRISO Smart Home system. Detected smoke is indicated by an 85 dB alarm tone and a red, flashing LED. The integrated EnOcean® wireless module ensures energy-autonomous transmission of the alarm message to connected master systems such as the indoor siren AIS or the AFRISOhome gateway.

Residents are reliably woken up, and it is also possible to switch on the lights for escape routes or to open window blinds which would otherwise block escape routes.



### Benefits:

- Compact design
- Low maintenance: 10-year long-life battery in sensor head
- Cyclic function tests

For all level sensors as per EN 13616 design B1 – formerly TRbF 511

## Level sensor tester GPG 01



Only a properly operating level sensor will allow for secure and approved filling of fuel oil tanks and diesel tanks. A test report for the level sensor must be presented to the authorities every 5 years, in water protection areas every 2.5 years (applies to level sensors subject to this obligation). In Germany, only approx. 1.3 million tank facility owners comply with this obligation. To be on the safe side, it is advisable to conduct a complete test of the level sensor of the remaining 4.2 million facilities every 5 years.

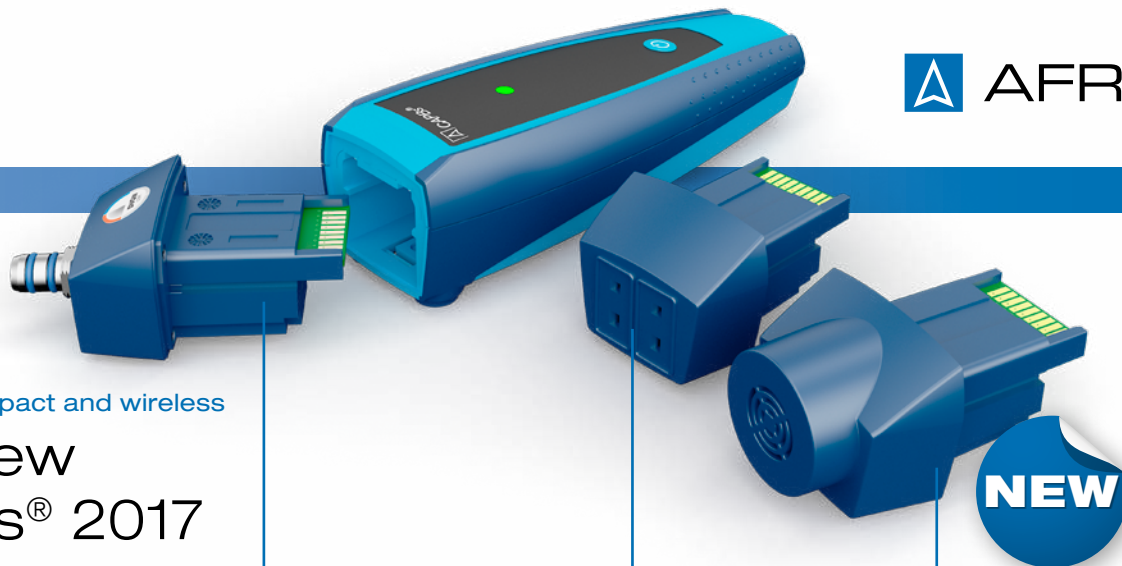
This is fast and easy with the new level sensor tester

GPG 01. Text-based instructions in German and English language guide the user through all applications. The large, high-resolution TFT colour display ensures excellent readability under all light conditions. It is possible to perform a simple electrical function test with the level sensor installed as well as a wet test with the level sensor uninstalled; in both cases, clear measurement results are shown. Filling release and heat-up time / switch-off time for the wet test are indicated in seconds. These results can be directly used for documentation purposes. In the case of errors, the display colour turns to red and potential causes are described.

### Benefits:

- "Step by step" operation with plain text instructions
- Lithium-ion battery for up to 12 hours of operation
- Robust protective sleeve for hands-free work on the tank





Modular, compact and wireless

## The new CAPBs® 2017 at a glance

### PRESSURE

#### CAPBs® sens PS 33

##### Application:

Evaluation of serviceability/determination of amount of gas leakage at gas lines according to TRGI 2008.

##### Description:

DVGW-certified sensor module with 2 bar pressure sensor, with barometric pressure determination.

### TEMPERATURE

#### CAPBs® sens TK 11

##### Application:

Differential temperature measurement, for example, measuring the temperature of flow and return.

##### Description:

Sensor module with 2 standardised type K temperature sockets for connection of two-pin thermocouples/temperature probes. In conjunction with BLUELYZER ST, it is, for example, possible to measure up to 4 temperature values.

### CARBON MONOXIDE

#### CAPBs® sens CO 30

##### Application:

CO detection and concentration measurement in boiler rooms, at flue gas pipes, for example for self-protection during flue gas line tests.

##### Description:

Sensor module with electro-chemical sensor.



DVGW-tested tightness test of gas lines

## Evaluation of serviceability now with CAPBs®

Gas lines in operation must be evaluated in terms of the degree of serviceability. This requires highly developed sensor technology, particularly so if the measuring instruments are to be compact. The new CAPBs® sens PS 33 is the smallest, DVGW-tested measuring unit currently on the market and provides the HVAC professional with a wide variety of additional possibilities.

Turn your leak test set DPK 60-6 sens or DPK 60-6 ST into a fully featured leak test set for all measurement tasks as per DVGW TRGI 2008. Everything you need is the new CAPBs® sens PS 33 sensor module, the CAPBs® BG 10 base handle and a syringe for the test volume. Available now as an attractive set in the spring special "Portable Measuring Instruments" – get in touch with us.





Automatic hydraulic balancing at high flow rate?

## Vario-DP is the only way to go

**NEW**

Good news for HVAC professionals who want to perform hydraulic balancing not just accurately, precisely and in a reliable way, but also want a system that is suitable for all system dimensions from single-family homes to large apartment buildings. With its extremely wide adjustment range of up to 290 l/h, the new Vario-DP valve range is the only dynamic valve on the market that offers a sufficient reserve for high flow rates.

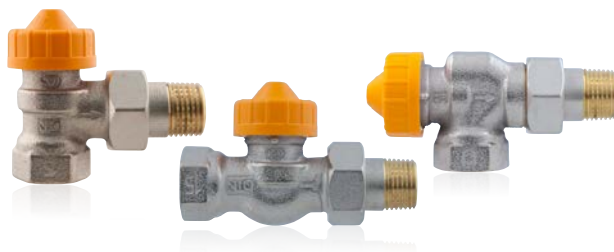
The patented dynamic valve insert controls the water volume adjusted at the valve – automatically and independently of pressure variations. This means that the right water volume is always supplied to the radiator, regardless of the number of open or closed thermostat valves in the system. In addition, the patented, but simple geometry of the valve insert ensures continuous high reliability. Failure due to pollution or blocking is practically impossible.

### Benefits:

- High reserve due to very wide adjustment range up to 290 l/h
- Adjustable in increments of 10 l/h
- Simple and sophisticated: High reliability even with poor water quality
- The right water volume at the radiator – without measuring instrument

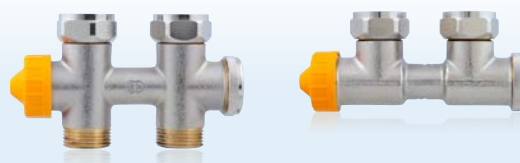


## Programme overview Vario-DP



### Thermostat valve body Vario-DP

- Fully adjustable
- Types angled, straight, axial and angled-angled left/right
- Nominal diameters DN 10, DN 15, DN 20



### Thermostat combination block Vario-DP for compact radiator with valve

- Straight or angled design
- For radiators with connection G $\frac{1}{2}$  female thread and connection G $\frac{3}{4}$  male thread eurocone

## Combine benefits and save even more on heating costs

Make hydraulic balancing even more efficient for your customers and recommend the combination of Vario-DP and the wireless actuator AVD 20. Your customers benefit twofold: The electronic thermostats allow for intelligent adaptation of the room temperature to the actual use of the room (night mode, holiday, etc.) via the AFRISO Smart Home.



## AFRISO Information

### Via e-mail or mail?

As a medium-sized company, we place particular importance on personal contact with you. We would like to provide you with information on news and industry trends and demonstrate ways you can add value for your customers.

Please let us know if, in the future, you would like to receive a printed copy of INFORUM or if you prefer to receive the AFRISO newsletter via e-mail.

Please indicate your choice by ticking the appropriate box and send us this page.

I would like to

- ☐ receive AFRISO information via mail
- ☐ subscribe to the AFRISO newsletter
- ☐ receive information via mail and newsletter

Signature: \_\_\_\_\_

I authorise AFRISO to send me information on the product range on a regular basis via e-mail. I can revoke this authorisation at any point in time. No data will be disclosed to third parties.



## Thermal mixing valves ATM

### New generation

The new series ATM thermal mixing valves excel with extremely simple handling: The fitter can rapidly adjust the desired temperature of the mixed water in °C by means of the dual scale; later on, only the adjusted scale value (1–6) is visible through the window in the cap. If space is limited and the control knob cannot be used, adjustments can also be made via the integrated 7 mm hexagon socket. In addition, the cap can be lead-sealed to the mixing valve to help prevent unwanted adjustments.



## LEGAL

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# INFORUM REPLY

**Via Fax to +49 7135 102-7269 | Via e-mail to [marketing@afriso.de](mailto:marketing@afriso.de)**

Please send me information on the following topics:

☐ Catalogue DOMESTIC TECHNOLOGY

☐ Catalogue PORTABLE MEASURING INSTRUMENTS

☐ AFRISO Smart Home – Overview

☐ Smoke alarm ASD 10

☐ Indoor siren AIS 10

☐ Level sensor tester GPG 01

☐ Automatic balancing with Vario-DP

☐ Thermal mixing valves

☐ Please contact me

Please check your address and contact information and make any necessary changes.

Thank you very much!