

## WATER LEAK DETECTOR WITH SOLENOID VALVE

**GEWAS 191 N***Product-ID: 601742*

Water leak detector with solenoid valve, complete and ready for use

**GEWAS 191 AN***Product-ID: 601744*

Water leak detector with solenoid valve, complete and ready for use with switch-off mechanism for supervised device in case of alarm (up to 16 A, 230 V 50 Hz)

**Application:**

washing machine, dish washer, surgeries (e.g. dentists' surgeries, water-cooled devices etc.), hospitals, industry, research, laboratories, any other devices and machines with water connection (e.g. hot drinks dispensers, cooling devices etc.)

**General:**

If a water film of more than 0.5 mm occurs at the water sensor the control unit automatically gives an acoustic alarm and switches the solenoid valve off. The design type GEWAS 191 AN turns off additionally the device connected to the control unit, too.

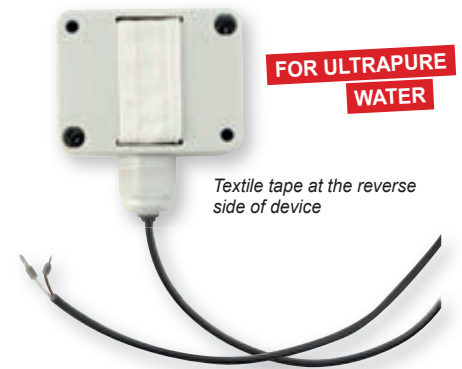
**Specifications:****Power supply:** 220/240 V 50/60 Hz (control unit)**Power consumption:** approx. 3 VA**Control output:** via power socket at device housing (only for GEWAS 191 AN) the socket of GEWAS 191 N always provides mains voltage**max. switching current:** max. 16 A (ohmic load)**Water sensor:** highly sensitive plug-in water probe, 2 m cable. Alarm triggered as of ½ mm water film. Several water probes can be plugged-in and used simultaneously by means of socket outlet adaptor GAZ 1. 2 m, 5 m or 10 m plug-in extension cable available.**Solenoid valve:** glass fiber reinforced polyamide (as customary for washing machines). Safety-low voltage 12 V DC. Connections: Screw connection ¾" for direct fastening to water tap and the standard dish washer / washing machine connection hose ½" with ¾" wing or coupling nut to the solenoid valve outlet. In case of power breakdown the valve closes automatically.**Working pressure:**

6 bar servo-controlled; Minimal pressure difference between in- and outlet: inlet pressure min. 0.5 bar higher than outlet pressure

**Device housing with electronics:** enclosed case (not suitable for use in humid environment), electronics, signal buzzer, plug connections for valve and water sensor. Housing with earthing pin plug connection and socket outlet with earthing contact. Looping-in socket outlet with earthing contact used for GEWAS 191 N; alarm controlled socket outlet with earthing contact used for GEWAS 191 AN**Working conditions:** 0 ... +50 °C, 0 ... 90 % RH (non-condensing)**Dimensions:** control unit: 126 x 79 x 54 mm (L x W x H)  
solenoid valve: 82 x 102 x 41 mm**Scope of supply:** Water leak detector with solenoid valve, controller, water probe, signal buzzer, manual**Accessories and spare parts:****GMV191***Product-ID: 601664*  
spare solenoid**GWF-1S***Product-ID: 601706*  
plug-in water sensor, 2 m**GWF-1S / 5m***Product-ID: 601708*  
plug-in water sensor, 5 m**GWF-1S / 10m***Product-ID: 601710*  
plug-in water sensor, 10 m**GAZ-1***Product-ID: 602748*  
branch adapter (required for each additional water sensor)**VEKA 2***Product-ID: 601726*  
extension cable 2 m**VEKA 5***Product-ID: 601728*  
extension cable 5 m**VEKA 10***Product-ID: 601731*  
extension cable 10 m**Note:**

Not suitable for ultrapure water!

## WATER SENSOR

**FOR ULTRAPURE WATER**

Textile tape at the reverse side of device

**GWF-2***Product-ID: 601778*

Textile-tape water sensor, 2 m, without plug

**General:**

The GWF-2 detects smallest amounts of water due to the specially treated textile tape on its reverse side.

**Application:**

Washing machines and dishwashers, industry, research, laboratories, all machines and areas where a water leakage needs to be detected. In contrast to GWF-1 also suited for ultra-pure water and direct tube mounting.

**Specifications:****Housing:** made of ABS with two mounting holes and PG gland**Dimensions:** 65 x 35 x 50 mm (L x W x H), without PG gland**Scope of supply:** Device**suitable for:**

Gewas 200, Gewas 300 FG, Gewas 300 SG

**GWF-1***Product-ID: 601712*

Water sensor, 2 m, without plug

**Variants:****GWF-1/5m***Product-ID: 601717*  
Water sensor without plug, 5 m cable**GWF-1/10m***Product-ID: 601723*  
Water sensor without plug, 10 m cable**suitable for:**

Gewas 200, Gewas 300 FG