

## LEAK-WATER DETECTOR



Figure GEWAS 181 A



NO MORE WATER  
DAMAGE

**GEWAS 181 A**

Art. no. 601734

Leak-water detector with ½" brass solenoid valve with ¾" connections for hand installation, water sensor, alarm buzzer and switch-off of connected units 16 A, 230 V~

**GEWAS 183 A**

Art. no. 602999

Leak water detector without solenoid valve, with water sensor, alarm buzzer and switch-off of connected devices 16 A, 230 V~

**GEWAS 181 A - ½"**

Art. no. 601736

Leak water detector with ½" brass solenoid valve (flow quantity: approx. 20 l/min, installation length approx. 55 mm) for installation in the line, water sensor, alarm buzzer and switch-off of connected devices 16 A, 230 V~.

**GEWAS 181 A - ¾"**

Art. no. 601738

Leak water detector with ¾" brass solenoid valve (flow quantity: approx. 91.5 l/min, installation length approx. 80 mm) for installation in the line, water sensor, alarm buzzer and switch-off of connected devices 16 A, 230 V~

**GEWAS 181 A - 1"**

Art. no. 601740

Leak water detector with 1" brass solenoid valve (flow quantity: approx. 141.5 l/min, installation length approx. 95 mm) for installation in the line, water sensor, alarm buzzer and switch-off of connected devices 16 A, 230 V~

**Application:**

Any devices or machines with water connection. For direct mounting of solenoid valve in pipelines.

**Mode of action:**

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 and the device connected to the control unit off.

**Solenoid valve:**

Brass solenoid valve, energy-saving circuitry for hand installation (½" with ¾" glanding - suitable for any ½" tap or ½" tube) or with ½", ¾" or 1" internal thread on both sides for line installation. De-energised when closed, for pressure loads from 0.5 ... 10 bar. Servo-controlled, i.e. free water outlet has to be provided resp. infeed pressure has to exceed outfeed pressure by 0.5 bar (solenoid not suitable for closed circuits such as heating systems).

**Specifications:**

<b>Power supply:</b>	220 / 240 V 50 / 60 Hz (control unit)
<b>Power consumption:</b>	approx. 2.5 Watt (control unit, approx. 6 W incl. solenoid valve)
<b>Control output:</b>	via power socket of safety plug adapter
<b>max. switching current:</b>	max. 16 A (ohmic load)
<b>Water sensor:</b>	Highly sensitive, plug-in water sensor, 2 m of cable, alarm triggered as of ½ mm water film. Simultaneous plug in of several water sensors via socket-outlet adaptor GAZ1. Plug-in extension cable (2 m, 5 m or 10 m long) available.

**Solenoid valve:**

Hence, valve operable in permanent mode; due to energy-saving circuit valve will not run hot even without cooling agent. Valve permanently fixed to control device (approx. 1 m of connecting cable). Valve body can be removed from coil after loosening of one nut.

<b>Max. working pressure:</b>	10 bar, servo-controlled (pressure difference inlet/outlet >0.5 bar)
<b>Working voltage:</b>	200 V DC or 100 V DC in energy saving mode
<b>Working temperature:</b>	0 ... 50 °C
<b>Dimensions:</b>	control device: 110 x 65 x 45 mm (L x W x H), with suspension hook
<b>Scope of supply:</b>	Device, solenoid valve (not GEWAS 183 A), water sensor, manual

**Accessories and spare parts:****GMV-½" L**

Art. no. 601645

Spare solenoid valve ½" for direct cable connection, approx. 1 m cable, loose ends

**GMV-½" H**

Art. no. 601646

spare solenoid valve ½" manual mounting, approx. 1 m cable, loose ends

**GMV-¾"**

Art. no. 601648

spare solenoid valve ¾" for direct cable connection, approx. 1 m cable, loose ends

**GMV-1"**

Art. no. 601655

spare solenoid valve 1" for direct cable connection, approx. 1 m cable, loose ends

**GMV-½" EZL**

Art. no. 601657

add. solenoid valve 1/2" for direct cable connection, with power saving connector, approx. 2 W, for direct connection to 230 VAC, suitable for GEWAS 183A or mains operation

**GMV-½" EZH**

Art. no. 601660

like before, but ¾" valve for manual mounting

**GMV-¾" EZ**

Art. no. 601662

like before, but ¾" valve for direct cable connection

**GMV-1" EZ**

Art. no. 601650

like before, but 1" valve for direct cable connection

Plug-in water sensor, socket outlet adaptor, extension cable p.r.t. GEWAS 191