

LEAK-WATER DETECTOR



Figure GEWAS 181 A-1/2"



Figure GEWAS 181 A

NO MORE WATER
DAMAGE**GEWAS 181 A**

Art.-Nr. 601734

Leak-water detector with 1/2" brass solenoid valve with 3/4" connections for hand installation, water sensor, alarm buzzer and switch-off of connected units 16 A, 230 V~

GEWAS 183 A

Art.-Nr. 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 - 1/2"

Art.-Nr. 601736

Leak water detector with 1/2" 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 - 3/4"

Art.-Nr. 601738

Leak water detector with 3/4" 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"0

Art.-Nr. 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 (1/2" with 3/4" glanding - suitable for any 1/2" tap or 1/2" tube) or with 1/2", 3/4" 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:

Power supply:	220 / 240 V 50 / 60 Hz (control unit)
Power consumption:	approx. 2.5 Watt (control unit, approx. 6 W incl. solenoid valve)
Control output:	via power socket of safety plug adapter
max. switching current:	max. 16 A (ohmic load)
Water sensor:	Highly sensitive, plug-in water sensor, 2 m of cable, alarm triggered as of 1/2 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.

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

Accessories and spare parts:**GMV-1/2" L**

Art.-Nr. 601645

Spare solenoid valve 1/2" for direct cable connection, approx. 1 m cable, loose ends

GMV-1/2" H

Art.-Nr. 601646

Spare solenoid valve 1/2" manual mounting, approx. 1 m cable, loose ends

GMV-3/4"

Art.-Nr. 601648

Spare solenoid valve 3/4" for direct cable connection, approx. 1 m cable, loose ends

GMV-1"

Art.-Nr. 601655

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

GMV-1/2" EZL

Art.-Nr. 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-1/2" EZH

Art.-Nr. 601660

Add. solenoid valve 1/2" with add. solenoid valve with 3/4" valve for manual mounting

GMV-3/4" EZ

Art.-Nr. 601662

Add. solenoid valve with add. solenoid valve 3/4" valve for direct cable connection

GMV-1" EZ

Art.-Nr. 601650

Add. solenoid valve with add. solenoid valve 1" valve for direct cable connection

GWF-15

Art.-Nr. 601706

Plug-in water probe, 2 m cable length
further cable lengths see page 120

GAZ-1

Art.-Nr. 602748

Branch adapter (required for each additional water sensor)

VEKA 2

Art.-Nr. 601726

Extension cable, 2 m

VEKA 5

Art.-Nr. 601727

Extension cable, 5 m

VEKA 10

Art.-Nr. 601731

Extension cable, 10 m