



GEWAS 181 A

Product-ID 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

Product-ID 602999

leak water detector without solenoid valve, with water sensor, alarm buzzer and switchoff of connected devices 16 A, 230 V~

GEWAS 181 A - 1/2"

Product-ID 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"

Product-ID 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"

Product-ID 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.

Description:

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).

Specification:

Power supply:	220/240 V 50/60 Hz (control unit)
Power consumption:	approx. 3 Watt
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	spare solenoid valve 1/2" for direct cable connection, approx. 1 m cable, loose ends
GMV-1/2" H	spare solenoid valve 3/4" manual mounting, approx. 1 m cable, loose ends
GMV-3/4"	spare solenoid valve 3/4" for direct cable connection, approx. 1 m cable, loose ends
GMV-1"	spare solenoid valve 1" for direct cable connection, approx. 1 m cable, loose ends
GMV-1/2" EZL	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	like before, but 3/4" valve for manual mounting
GMV-3/4" EZ	like before, but 3/4" valve for direct cable connection
GMV-1" EZ	like before, but 1" valve for direct cable connection
Plug-in water sensor, socket outlet adapter, extension cable p.r.t. GEWAS 191	