

No more water damage !

24-hour supervision of your washing machine and/or dish washer or any other devices using water.



WATER LEAK DETECTOR WITH SOLENOID VALVE

* G 1/2" = 1,27 cm, G 3/4" = 1,905 cm

GEWAS 191 N

cpl. and ready for use incl. controller, water probe, solenoid, signal buzzer

GEWAS 191 AN

cpl. as above but equipped with switch-off mechanism for supervised device in case of alarm (up to 16A, 220 V 50 Hz)

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

Installation: easy to install - even for unskilled persons - in two minutes without any additional parts or tools being required.

Solenoid valve: glass-fibre reinforced polyamide (also used for washing machines). Extra low voltage for safety 12 V DC. Screw connections 3/4" for direct mounting to water tap or any other standard washing machine or dish washer connecting tube 1/2" with 3/4" wing/union nut at valve outlet. Valve closes automatically in case of power failure. (Min. pressure difference between inlet and outlet: feed pressure min. 0.5 bar over discharge pressure)

Water sensor: highly sensitive plug-in water probe, 2 m cable. Alarm triggered as of 1/2 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.

Alarm triggering: in case of an alarm the valve closes, the signal buzzer is sounding and the device connected is switched off (only for GEWAS 191 AN - single pole one-way switch)

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 A; alarm controlled socket outlet with earthing contact used for GEWAS 191 AN, ie up to 16 A (ohmic load) and 220 V 50 Hz will be switched off in case of alarm.

Power consumption: approx. 3 W only using energy-saving circuitry.

Accessories and spare parts:

GMV191

GW-1S plug-in water sensor, 2m

GW-1S/5m plug-in water sensor, 5m

GW-1S/10m plug-in water sensor, 10m

GAZ-1 socket outlet adapter (required for each additional water sensor)

VEKA 2 extension cable 2m

VEKA 5 extension cable 5m

VEKA 10 extension cable 10m

Protection device for universal application with switching output for any purpose - Available as plug-in or panel mounted device.



ALARM PROTECTION DEVICE with or without alarm transmitter and relay switching output (changeover contact)

ALSCHU 480

plug-in for 230V~ (with grounding contact adapter plug)

ALSCHU 480 P

as above, but with volt-free switching output

GEWAS 200

Panel-mounted alarm protection device with volt-free relay output (snap-on mounting for top hat rail in special snap-on housing) (sensor not included)

Application: alarm in case of any liquid leaking or penetrating, prevents water damage by closing solenoid valves of any size and by offering the possibility to plug any number of water probes. Volt-free alarm contact for damage report to supervision centre (eg ALSCHU 480 P or GEWAS 200). Acoustic or optical (flashing pilot lamp) alarm available. We manufacture custom-designed devices for your requirements.

Specification: (ALSCHU)

Control device: (ALSCHU) 112x71x48 mm (HxWxD), operation indicator lamp, selector switch: pos. I (switching output de-energised in case of alarm), pos. II (switching output energised in case of alarm). On/Off switch, sensor socket.

Power supply: 230 V 50 Hz (approx. 1VA) (others upon request), automatic via earthing pin adaptor plug

Control output: sensor controlled adaptor plug with socket outlet with earthing contact. Direct switching capacity approx. 2400 VA (10 A ohmic load) at 230 V 50 Hz. Volt-free output for ALSCHU 480 P for any DC or AC voltages up to max. 220 V. Contactor to be triggered in case of higher voltages, rotary current or higher outputs.

Specification: (GEWAS 200)

Power supply: 220 V/240 V 50/60 Hz (others upon request), power consumption approx. 1 VA

Switching relay output: relay (changeover contact) 230 V 50/60 Hz (10 A ohmic load)

Sensor connection: direct connection for 2 water probes GWF-1 (parallel connection for any number of probes).

Electric connection: screw-type terminals

Accessories and spare parts:

GWF-1S plug-in water sensor, 2m

GWF-1 water sensor without plug, 2m

GAZ-1 socket outlet adapter (required for each additional water sensor)

GSS-1S level probe (plug-in float switch) for electrically non-conductive media (normally open/normally closed function can be selected by customer)

GNS-1S plug-in level probe 2-pin (stainless steel electrodes)

GSAS-1S plug-in, self-adhesive magnetic contact

Plug-in level controller - no moving parts at all



ELECTRODE CONTROL DEVICE

for filling or emptying

ALSCHU 485

ALSCHU 485 OE

(as above, but without electrodes - connect. for two 2-pin. electrodes)

ALSCHU 485 OE / 3P

(as above, but without electrodes - connection for 3-pin electrode)

We manufacture electrodes of any diameter and length according to your specifications

Application: automatic control of drain pumps and sewage removal plants, overflow and dry running protection, automatic filling and emptying of containers, basins, tanks, control of liquid level in storage tanks, aquariums, etc.

Advantages: no installation costs, only plug-in connections, ready for use within seconds, trouble-free operation as no moveable float switches are used, any electrode distance, can be set by customer up to 2 m etc. etc..

Specification:

Control device: housing 112 x 71 x 48 mm.

Flashing LED indicating control state. Selector switch for emptying or filling. Plug-in socket for electrodes.

Power supply: control device 230 V 50 Hz approx. 1 VA, automatic by connecting grounded adaptor plug.

Control output: via grounded adaptor plug with earthing and socket outlet with earthing, electrode control. Direct switching capacity approx. 1200 VA at 230 V 50 Hz (approx. 5 A ohmic load). Extra high protective capacity by external triggering of a contactor or semiconductor relay.

Electrodes: standard design: plug-in, stainless steel pins, plastic body and 2 m of PVC cable (any lengths against upcharge)

Please note: for media leaving residues (such as salt water, sewage etc.) we recommend a 3-pin electrode.



GNS-3P level probe 3-pin (standard length: 15 cm, switching distance: 1cm, 2m cable)

other length available.

Upcharge each beginning 10cm

teflon covered electrode staffs, only tip is uncovered (for electrodes used in salt water, ...)