

Pos. / Stk	GGW / GES	EP Euro	GP Euro
	<p>ATTENTION: Please check the dimensions and the collection volume!</p> <p>The glycol protector GES is a tested collection system for installed refrigeration and air conditioning systems and prevents according to the legal requirements that in the glycol protector run water-glycol mixture of water hazard class one to three (WGK1-WGK3), are rinsed out in the rain.</p> <p>The GES (Glycol Recognition System) is a novel sensor that detects and differentiates unwanted pollutants such as glycols in the water flowing out. A special feature is the clear distinction between naturally occurring carbon compounds by road traffic, organic rotting processes or other situations and the glycols to be detected. Three sensors are used in one housing, which monitor both the quality of the liquid and its outgassing. This sensor automatically detects leaking substances and is not dependent on the combination with pressure sensors to ensure a clean detection. This makes the new glycol detection system GES of the company Gewässer-Umwelt-Schutz GmbH an absolute novelty. The GES detects even small amounts of leaked glycol and thus meets the legal requirements and offers you the greatest possible security for your system.</p> <p>The modern sensor technology detects leaks in the monitored unit in good time, evaluates them by the microprocessor, closes the drain valves and activates an alarm contact (potential-free). Thus, the leaking water-glycol mixture is safely retained. The output alarm can be read as clear text in the display of the microprocessor. A special switching technology prevents the valves from reopening without the operator having given clearance.</p> <p>In order to meet the general requirements for safety systems, the drain valves are automatically closed, locked and the alarm contact activated in case of power failure, cable breakage, microprocessor defect, defective valve control and sensor failure. The alarm can be forwarded to the building management system. For unlocking, the operator must acknowledge the release.</p> <p>The protector for glycol is a safety system made of stainless steel 1.4301 with the material thickness of 1.5 mm. Manufactured to EN ISO 9445 and confirmed by the manufacturer if required (EN10204 factory test certificate). Welding according to DIN EN ISO 9606-1. To protect against corrosion, the protector is finally pickled over its entire surface.</p> <p>The drain valves are designed for outdoor installation and equipped with potential-free contacts for alarm and operating message. Applicable temperature range: -30 ° C to + 50 ° C. EMC: CE according to 89/336 / EEC. Low Voltage Directive: CE according to 2006/95 / EC. The drain valves are maintenance-free.</p> <p>The control box is IP65 protected and UV resistant and contains a microprocessor, relays, terminal blocks and all the internal wiring.</p>		

Pos. / Stk	GGW / GES	EP Euro	GP Euro
	<p>The microprocessor with alarm message text with color change (green / red), 3 option slots, 4 limit comparators and quick comfortable configuration with setup program. Detecting cable breaks or short circuits to prevent false alarms. 2 relay changer as output, as well as 2 logic outputs, power supply for 2-wire transmitter and setup interface. Optional: math and logic module, RS422 / 485 interface, Profibus-DP interface.</p> <p>The largest possible rainfall in Germany are safely collected or dissipated (continuous rain 312mm in 24 hours) (data from the German Weather Service). With the glycol protector GES the requirements of § 62g ff. Of the WHG (Water Resources Act) and the AwSV (Installations Ordinance) are met.</p> <p>Optionally available as accessory:</p> <ul style="list-style-type: none"> - leaf guard - Heating mats and thermostat in IP65 / UV resistant for year-round operation - Fault message via SMS, fax or e-mail <p>The techn. documentation includes the installation instructions with techn. data, maintenance information, commissioning information and information about the electrical equipment, spare parts and customer service.</p>		