



Pos. / Pcs.	GGW	EP Euro	GP Euro
	<p>ATTENTION: Please check the dimensions and the collection volume!</p> <p>The glycol protector 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 and oils of water hazard class one to three (WGK1-WGK3) are rinsed out in the rain. The suitability of the system has been proven by TÜV Rheinland.</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. Up to 2 units can be monitored with a microprocessor. A special switching technology prevents the valves from reopening without the operator having given clearance.</p> <p>To meet the general requirements for security systems, you will need: Power failure, cable breakage, microprocessor defect, defective valve control and sensor failure. The drain valves are automatically closed, locked and the alarm contact activated. 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. The protector is finally pickled over its entire surface to protect against corrosion.</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> <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 glycol protector is particularly suitable for cold water systems and coolers, which are filled with water-glycol mixture and placed outdoors. Chilled water sets and coolers mounted on the glycol protector thus do not cause any water contamination in the event of leaks.</p>		



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	<p>The largest possible rainfall in Germany are safely collected or dissipated (continuous rain 312mm in 24 hours) (data from the German Weather Service). The glycol protector complies with the requirements of § 62g ff. Of the WHG (Water Resources Act) and the AwSV (Installations Ordinance)</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 - Sensor for second circuit - Fault message via SMS, fax or e-mail 		