

FPU-A-AR-3000/6000

Freeze-Protection Thermostat



Made in Germany

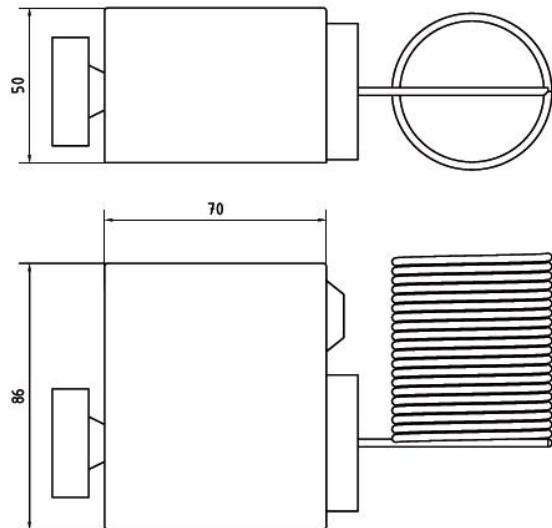
Application

Device for the surveillance of hot water heating coils and heat exchangers in ventilation and air-conditioning systems as well as heating appliances. The freeze protection thermostat prevents water-bearing tanks and heat exchangers from freezing over. The FPU is equipped with an automatic reset.

Technical Specifications

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|-------------------------------------|--|
| Switching capacity: | 16 A, 250 V open or closed, 1 A, 250 V opposite side |
| Terminals: | 1 common, 2 opens contact at higher temperature. 4 closes contact at higher temperature |
| Cable inlet: | Ø 16 conductor isolation, 14 mm |
| Storage temperature: | -30°C...+55°C |
| Installation: | Two threaded holes in the backside of the casing (M4x6, included in the delivery) |
| Adjustment: | via hex nut |
| Casing: | Plastic Noryl SE1 cover grey |
| Dimensions (l x w x h): | 86 x 49 x 76mm |
| Protection rating: | IP44 |
| Sensor element: | Gas-filled tin-coated copper capillary tube |
| Temperature range/adjustment range: | -18°C...+13°C |
| Accuracy: | ±1,2°C |
| Accessories: | Set of fasteners for the capillaries + mounting bracket (included) |

Technical Drawing



General Information

- Installation of the equipment must be performed by qualified personnel.
- The units may be connected with the power off .
- The safety of the VDE, the states , the TÜV and the local energy supply company must be observed.
- The EMC guidelines must be observed . It can be used shielded connecting lines, laying parallel with current-carrying
- Lines should be avoided.
- The operating near devices that do not comply with EMC directives may adversely affect the operation of
- The buyer is responsible for ensuring compliance with the applicable building and safety guidelines
- This product should not be used for safety-related tasks , such as for the protection of persons and emergency stop switch on equipment .
- Improper use of any defects and damages are excluded from the warranty and liability .
- Consequential damages caused by a fault in this device are excluded from warranty or liability .
- It Only the technical data and connecting conditions of installation and operating instructions supplied with the instrument . Changes are always possible in terms of technical progress and the improvement of the products.
- Changes of the device by the user, all warranty claims .