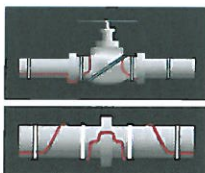


## HEATING CABLES WITH THERMOSTAT

### FOR ANTI-ICING SYSTEMS FOR PIPES

The anti-icing systems for pipes are the perfect idea for the protection of water supply systems, sewage pipes and other elements carrying water in places exposed to low temperatures. The heating cables are conducted on a pipe in a manner parallel or coiled towards its axis. In both cases, the cable is fixed with plastic strips or with adhesive tape. The pipe coiling method is suggested due to better heat distribution on the thermally protected element. The correct cable installation on pipes, joints and valves has been presented in the following drawings.

The heating cables for protecting pipes against water freezing are usually equipped with a thermostat automatically controlling the heating element. The thermostat is installed on one end of the heating cable and the power supply cable is installed on the other end. A device constructed in such a manner does not require the use of temperature controllers. The thermostat switches the heating on and off depending on the ambient temperature. At temperature  $+3^{\circ}\text{C}$ , the heating cable is switched on, at temperature  $+11^{\circ}\text{C}$ , it is switched off. The entire device, namely the cable with the thermostat, is connected to the voltage of 230V using a plug installed at the end of power supply cable. In order to ensure the correctness of the device's response, it is very important for the thermostat's flat surface to be exactly adjacent to the heated surface.



#### HEATING CABLES WITH THERMOSTAT

##### Technical data

- Power supply voltage 230 V, 50 Hz
- Unit power: 16 W/m
- Operating temperature max  $80^{\circ}\text{C}$
- Protection degree: IPX7
- Temperature adjustment  $+3^{\circ}\text{C}$  ON  $+11^{\circ}\text{C}$  OFF

##### Accessories

- Heating cable with a two-wire, shielded heating cable and a power supply cable H05VV-F 3G0.75 mm<sup>2</sup>, length 2 m with a UNISCHUKO plug
- Installation instruction with a Warranty Card

##### Application

For protection of pipes, valves against freeze.

| PRODUCT NAME                            | TYPE           | LENGTH | EXTERNAL WIRE DIAMETER | POWER            |
|-----------------------------------------|----------------|--------|------------------------|------------------|
| Heating cable with thermostat for pipes | GPRU-4 / 18    | 4 m    | 5,06 mm                | 72 W / 230 V AC  |
| Heating cable with thermostat for pipes | GPRU-6 / 18    | 6 m    | 5,55 mm                | 108 W / 230 V AC |
| Heating cable with thermostat for pipes | GPRU-10 / 18   | 10 m   | 5,48 mm                | 180 W / 230 V AC |
| Heating cable with thermostat for pipes | GPRU-14,5 / 18 | 14,5 m | 5,78 mm                | 261 W / 230 V AC |
| Heating cable with thermostat for pipes | GPRU-20,5 / 18 | 20,5 m | 5,63 mm                | 369 W / 230 V AC |