



Dimension | **Art. No.**

**Heating cuff 230 V, 10 W**  
self-regulating  
**5931**



### Heating cuffs

The universal heating option for drains made of PUR with a nominal width of DN 70 or more. Also ideal for retrofitting. With self-regulating PTC\* heating element 230 V. We recommend using the temperature switch set basic (Art. No. 5922) for switching.



Dimension | **Art. No.**

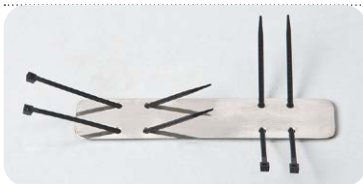
**Heating clamp set**  
**5932**  
suitable for bitumen  
**5932.BIT**

plug-ready, produced in acc. with customer wishes (see planning example)



**Temperature switch set basic**  
**5922**

including:  
1 temperature switch  
2 cold cable bushings  
1 cold cable (1 m)



**Edge covers for auxiliary heating**

to prevent damage of heating cables

**5925**



**Strain relief**

for hanging the heating cable in downpipes

**5926**

### Technical data auxiliary heating

Heatband type	FT 18/36
Nominal capacity	18W/m at 0°C air temperature 36W/m in ice water
Max. heating circuit length	► 60 m at 16 A (in combination with mechanical temperature switch set) ► 80 m at 20 A (without mechanical temperature switch)
Minimal bending radius	25 mm (Do not bend heating line!)
Nominal voltage	230 V
Max. permitted ambient temperature	65° C (switched on)
Max. permitted ambient temperature	85° C (switched off)
Minimal installation temperature	5° C
Max. protective resistance	10Ω/km
Dimensions	13,7x6,2 mm
Protective coverage	mind. 70 %

- Protection with FI circuit breaker and C-characteristic.
- For channel widths above 20 cm or roof surfaces, multiple laying every 15 cm is recommended.
- Heating band hanging up to 25 cm, self-supporting.

### Technical data temperature switch set basic

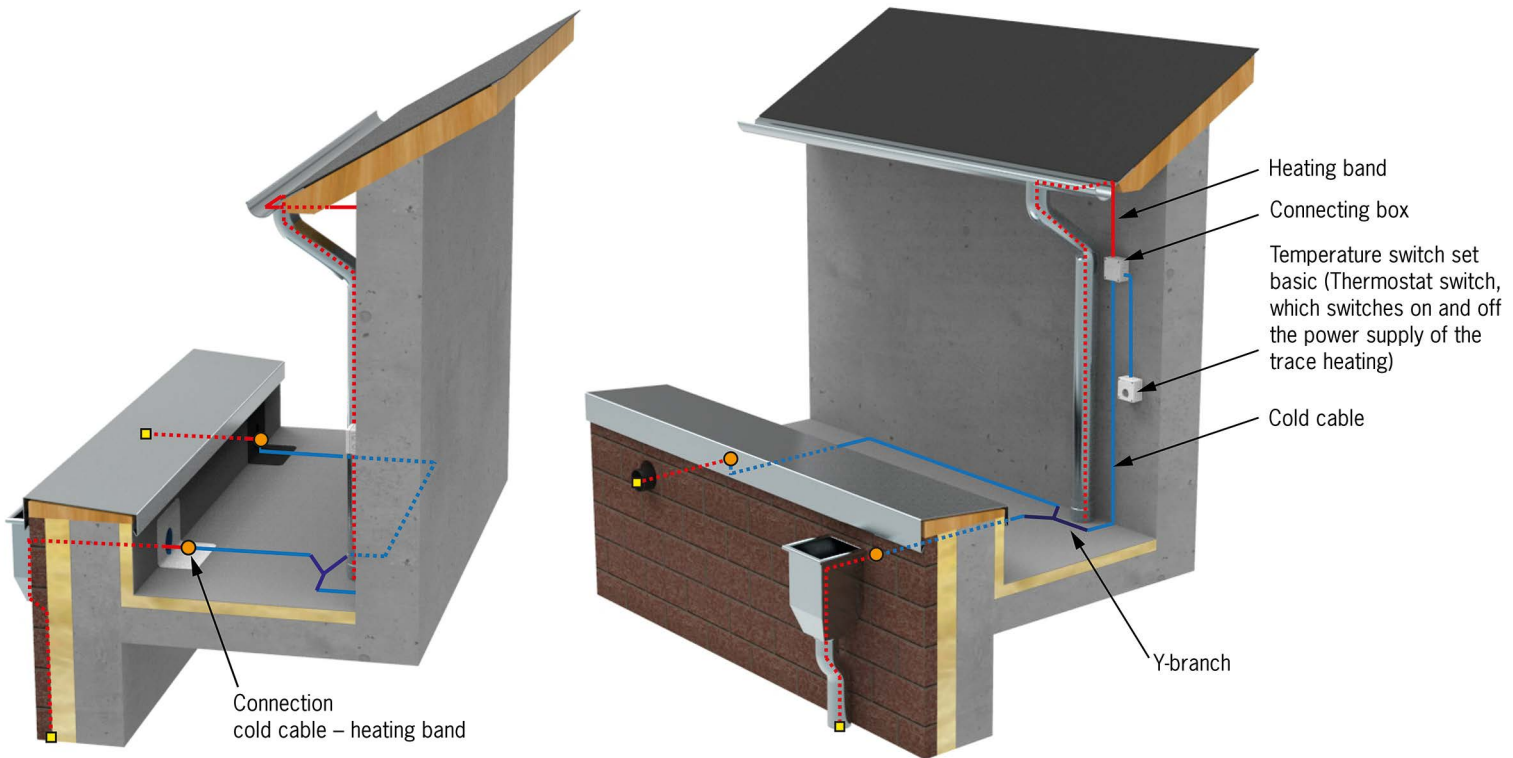
Type of controller	DTR-E 3102 (mechanical)
Temperature range	-20° C bis +25° C
Operating voltage	AC 230 V
Alternating current at AC 250 V	16(4) A
Contact rating	3,6 KW
Contact	1 Öffner 1 Schließer (Springkontakt)
Permitted temperature	-25° C ... +55° C
Switching temperature difference	1-3K
Protection class casing	IP65
Permitted relative room humidity	max. 95%, non-condensing

- Install on the northern side of the building (weatherproof). Alternatively, fit a protection cover!

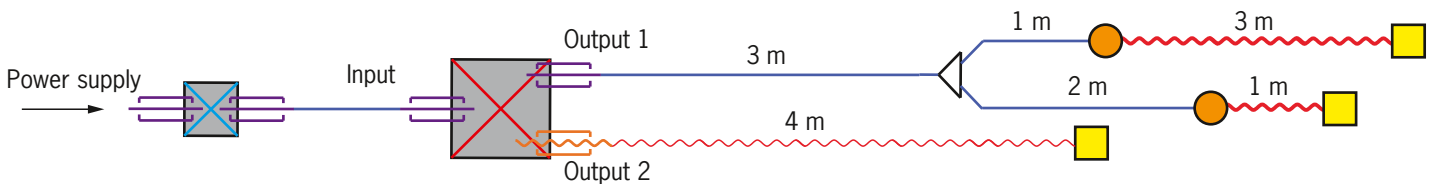
## Trace heating for roof drains, pipes, roof channels and flat sewer systems

- Prevention of frost and water damage in buildings and facades due to flooding caused by frozen water channels
- Prevention of accidents and damage due to e.g. falling icicles
- Maintenance- and trouble-free operation (self-regulating)
- Largely pre-mounted sets (heating band and temperature switch set basic), each extendable
- Light, even subsequent assembly
- Minimal acquisition and operating costs

### Installation example trace heating



### Planning example: Trace heating, diagram of the Installation examples above



Symbol	Description
	Connection box
	Heat band inlet
	Cold cable inlet

Symbol	Description
	Y-branch
	Connection point cold cable - heating band
	End connection

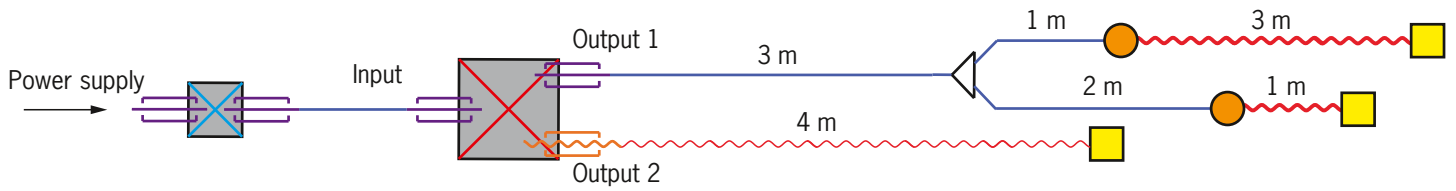
Symbol	Description
	Heating band
	Heating band (bitumen compatible)
	Cold cable

Symbol	Description
	Temperature switch set basic

## Planning example: Trace heating, diagram

If requested, we will quote you base on your own individual "trace heating diagram".

### Example:



## Komponenten

Symbol	Description	Art.	Illustration
	Connecting box	5923	
	Heating band inlet	5923.H	
	Cold cable inlet	5923.K	
	Y-branch (only cold cable)	5925.Y	
	Connection point cold cable – heating band	5925.KH	

Symbol	Description	Art.	Illustration
	End connection	5925.E	
	Heating band (bring it up to 1 m into the earth with the downpipe)	5935	
	Heating band, bitumen compatible (bring it up to 1 m into the earth with the downpipe)	5935.BIT	
	Cold cable	5936	
	Temperature switch set basic (install it on the north side of the building)	5922	

## Example parts list

Number	Length	Art. No.	Description
1		5923	Connection box
3		5923.K	Cold cable inlet
1		5923.H	Heating band inlet
2		5925.KH	Connection point (cold cable – heating band)
1	6 m	5936	Cold cable
1	4 m	5935.BIT	Heating band (bitumen compatible)
1	4 m	5935	Heating band (not bitumen compatible)
1		5925.Y	Y-branch
3		5925.E	End connection
1		5922	Temperature switch set basic