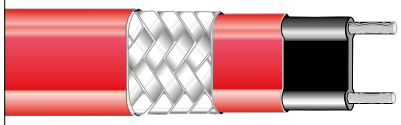
Heating cable PT



Description

EUROTRACE® PT is a high power heating cable used in the industrial market. It is used for process control, temperature maintenance and freeze protection applications. This product is also perfectly suitable for steam-cleaning.

Approvals

Versions

- Protective braiding with > 70 % coverage and < 18.2 Ω/km resistance
- Fluorpolymer insulation and overjacket
- Available in various power outputs between 10 to 60 W/m

Construction

- 1.25 mm^2 bus wires
- Self-limiting heating element
- Fluorpolymer insulation jacket.
- Tin copper braiding
- Fluorpolymer overjacket which offers increased protection against chemicals (oil and fuel) and abrasion.

Technical specifications

- Max. operating temperature switched off max. 190 °C
- Max. operating temperature switched on max. 120 °C
- Min. installation temperature -60 °C
- Min. switched on temperature -60 °C
- Min. bending radius 25 mm
- Voltage supply AC 230 V max. AC 254 V
- AC 120 V request

Temperature rating

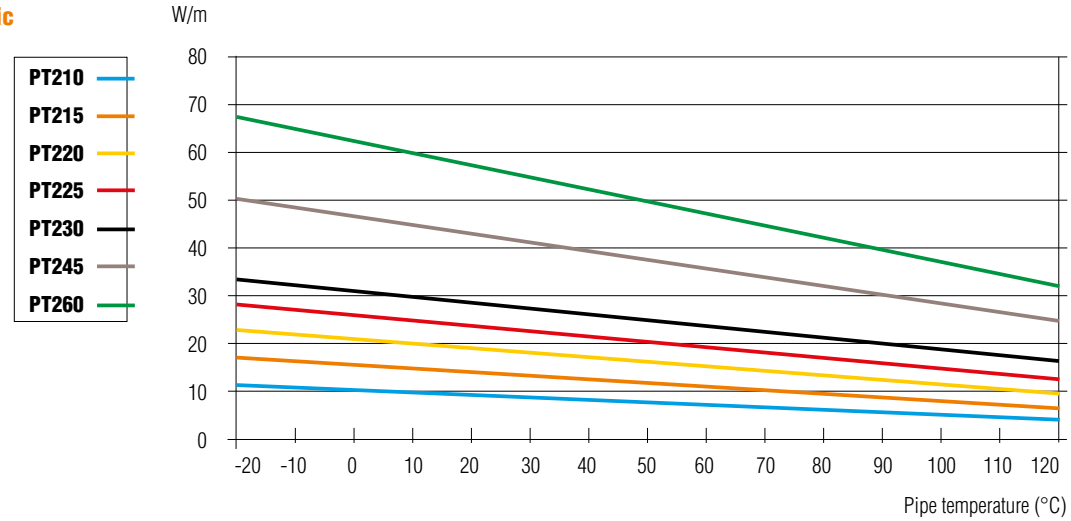
Temperatur rating conform IEC 60079-30

AC 230 V	PT210 - PT245	T3	PT260	T2
AC 120 V	PT210 - PT230	T3	PT245 - PT260	T2

Power output

Heating tape installed and measured on a pipe in accordance with VDE 0254, EN 62395-1 accept for IEC/EN 62086-1 and IEC 60079-30-1.

PT Power output characteristic



Maximum heating circuit length (m) on a pipe, with circuit breaker with C-Characteristic

Type	Switch on temperature (°C)	Voltage ≤ AC 254 V				Type	Voltage ≤ AC 254 V			
		16 A	20 A	25 A	32 A		16 A	20 A	25 A	32 A
PT210	+10	200	235	235	235	**PT230**	85	114	114	114
	-25	175	235	235	235		69	92	100	114
	-60	165	225	230	235		65	86	92	110
PT215	+10	165	189	189	189	**PT245**	70	82	82	82
	-25	117	152	170	189		49	66	75	82
	-60	110	144	160	189		45	62	70	78
PT220	+10	135	160	160	160	**PT260**	50	64	64	64
	-25	100	130	145	160		38	52	58	64
	-60	90	122	140	160		35	48	52	60
PT225	+10	120	140	140	140					
	-25	88	120	130	140					
	-60	80	114	120	136					

Selection chart

Article	Earth protection	Version/outer jacket	Dimensions a x b (mm)
PT2xx-1560P	braiding	Fluorpolymer	11.8 x 5.8

xx = power output W/m 10, 15, 20, 25, 30, 45, 60