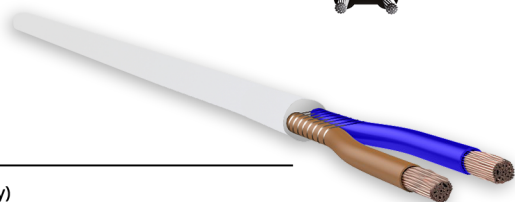


Constant power heating cable

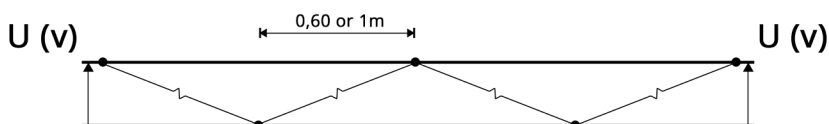
PCMT Technical sheet PCMT V2



Benefits

- No thermal aging of the heating element (alloy)
- No current peaks at start-up unlike other technologies allowing good electrical protection
- Integrated cold output due to the technology used
- Can be cut to length on site according to needs (modules)
- Allows derivations and tappings from a single power supply point (energy present all along the cable)
- Very flexible implementation
- Standard manufacturing under 230 V

Principe de fonctionnement



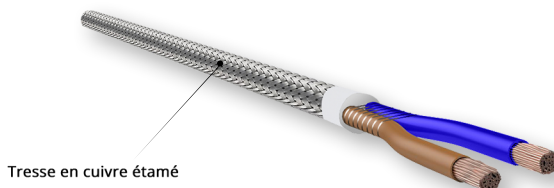
heating resistors of fixed length
and constant heating power

General characteristics

- Thermal protection: nominal current * 1.25
- Differential protection: 30 mA mandatory
- Maximum circuit length: see the table on the previous page
- Maximum exposure: see the table on the previous page
- Maximum exposure when switched off: -70 to 200° C

Version PCMT+C

- The PCMT constant power cable is also available in PCMT+C version (with a tinned copper braid) on request.



Tresse en cuivre étamé



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Constant power heating cable

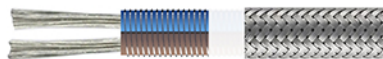
PCMT Technical sheet PCMT V2



PCMT constant wattage heating cables are available in 20, 30, and 40 W/m. These cables are made of these cables consist of heating modules with a constant heat output, regardless of the ambient temperature. These cables, which have a very flexible silicone sheath, can be cut to length on site and can be branched from a single power supply point (energy present throughout the heating cable).



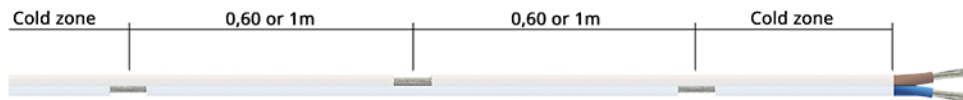
PCMT



PCMT+C

Principle

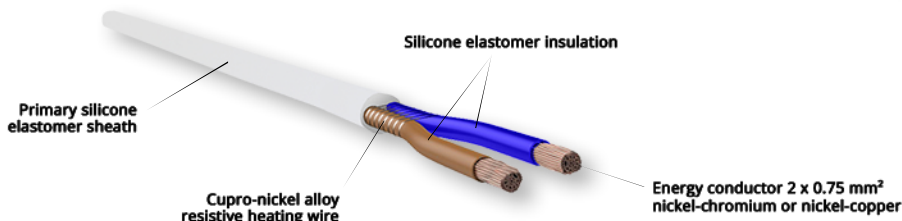
PCMT heating cables are made up of contact points every 0,60 or 1 m: heating starts from the first contact point. Connection is made on one side of the heating cable, to the +/- terminals of the power cable.



Features

- Power: according to the table below
- Power supply: 230 V
- Maximum temperature: according to the table below
- Temperature off : -70° à 200° C
- Maximum length of a circuit: according to the table below
- Dimensions: 5.75 x 7.5 mm ($\pm$ 0,2 mm)
- Flexible sheath
- Cable: nickel-chromium or nickel-copper
- Section: 2 x 0.75 mm²
- Conductor insulation: silicone elastomer
- Contact points: 0.6 or 1 m
- Certificate: CE
- Cut to length on site

PCMT cable composition



Applications

The PCMT cable is primarily intended for use in industrial refrigeration and surface heating applications:

- > Temperature maintenance on pipes (excluding plastic)
- > Heating cold room door seals
- > Anti-condensation

Installation instructions

For optimal efficiency and safe installation, please follow the TECHNITRACE instructions.

> www.heating-cables.com/pcmt-installation-instructions

	Cable power	Max. circuit length	Max. temperature maintenance
2 x 0,75mm ² Conductors	20 W/m	100 m	140° C
	30 W/m	60 m	120° C
	40 W/m	50 m	110° C



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