

MAGNUM Trace Micro Plug & Go

Self regulating heating ribbon < 65°C

MAGNUM Trace Micro Plug & Go is an industrial self-regulating heating ribbon, which can be used for frost protection or maintaining the temperature of pipes up to 65°C. For use in non-hazardous, hazardous and corrosive areas. The self-regulating property of MAGNUM Tracing cables prevents overheating or burning even when heating cables are overlapped. The power regulates itself in response to the ambient temperature. The conductive polymer core automatically releases the required heat at any point along the pipe without the use of a thermostat.

Applications

Cold water pipelines
Drains
Sprinkler systems

Additional Information

The amount of heat loss depends on the diameter of the pipeline, ambient temperature and flow rate of the fluid. Additional insulation is recommended. The use of a temperature controller reduces energy consumption.

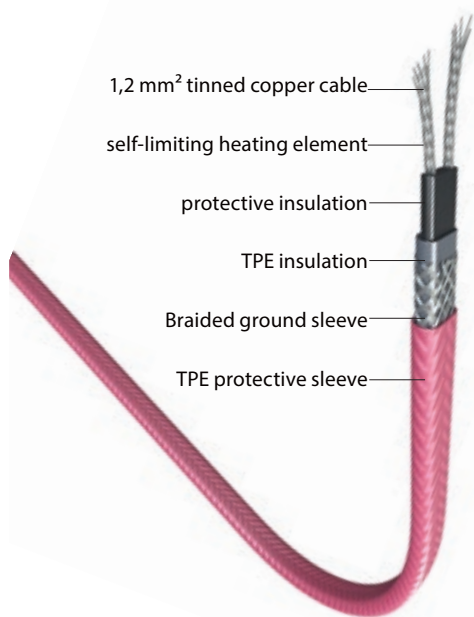
For a heat loss calculation and applicable cable, please contact the calculation department of MAGNUM Heating.



Specifications

Max. temperature	65°C
Min. operating temperature	-30°C
Max. resistance	18 Ohm/km
Nominal voltage	230V
Outer jacket	Tinned copper
Coating	Thermoplastic or Fluoropolymer
Water resistant	100%
Dimensions	8 x 5 mm
Min. bending radius	25 mm
Weight	7 kg/100 m
Color	MTM 11 & 17 Watt (Red) MTM 11 & 17 Watt Fluoropolymer (Blue)
Certification	CE /RU, according to DIN EN 62395-1
Warranty	2 year





Technical details

- Ready to connect heating elements including connectors
- Power 11 Watt per metre @ 10°C 230V
- IP67 connection
- Max. temperature 65°C
- Min. operating temperature -30°C
- Max. resistance 18 Ohm/km
- Nominal voltage 230V
- Outer jacket Tinned copper
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Connection cable

- Grounded connection cable with earth
- Including connector and end cap
- Available with or without thermostat
- Thermostat switches on at < 5°C

Installation methods

- Check whether all necessary materials and tools are present at the construction site.
- Inspect the pipe, gutter or surface to be heated, deburring any unevenness and sharp edges or removing the sharp edges with tape.
- Remove any unevenness and sharp edges or remove the sharp edges with tape.
- Clean and dry gutters before laying the heating cable.
- Allow painted and coated pipes and surfaces to become completely dry before commencing installation.

Max. recommended cable length at 230V using Type-C relays:

Categorie Referentie	Switch Temp.	6A	230V 10A	16A
11MTM	5°C	70 m	100 m	110 m
	0°C	65 m	95 m	105 m
	-20°C	44 m	77 m	90 m
	-30°C	38 m	67 m	80 m

ATTENTION: Heating cables in combination with drinking water pipelines must be thermostatically controlled at all times.



Art.nr.	Description	Length	Power	Volt
159711	MAGNUM Trace Micro Plug & Go 1	1 m	11 Watt @ 10°C	230V
159703	MAGNUM Trace Micro Plug & Go 3	3 m	33 Watt @ 10°C	230V
159705	MAGNUM Trace Micro Plug & Go 5	5 m	55 Watt @ 10°C	230V
159709	MAGNUM Trace Micro Plug & Go 9	9 m	99 Watt @ 10°C	230V
159715	MAGNUM Trace Micro Plug & Go 15	15 m	165 Watt @ 10°C	230V
159722	MAGNUM Trace Micro Plug & Go 22	22 m	242 Watt @ 10°C	230V

Art.nr.	Options
159701	Connecting cable 2 metres without thermostat incl. connector and end cap
159702	Connection cable 2 metres with thermostat incl. connector and end cap. Switching temperature: < 5°C