

DEVIIndustrial™ 60



DEVIpipeguard™ Industry is a self-limiting heating cable that is mainly used for frost protection of pipes and for temperature maintenance in applications up to 120 °C

powered or 190 °C unpowered cable. The cable allows steam cleaning in pipes. The heating element, the insulation and the outer jacket of DEVIpipeguard™ Industry are made of fluoropolymers.

A temperature-dependent resistance element between two parallel-guided copper conductors regulates and limits the heat output of the heating cable. This power setting takes place at every point

of the heating cable, according to the ambient temperature prevailing there. If the temperature rises, the power of the cable is reduced. This self-limiting prevents overheating of the cable, even if it is overlaid. The heating cable can be cut off at desired length by the parallel current supply. This simplifies planning and installation. All self-limiting heating cables must be over-temperature protected by a thermostat, as the output will decrease, but never be zero.

Benefits:

- Cut to length on site
- PVC free
- UV stable

Standard compliance:

- VDE E 0254: 94

Approvals:



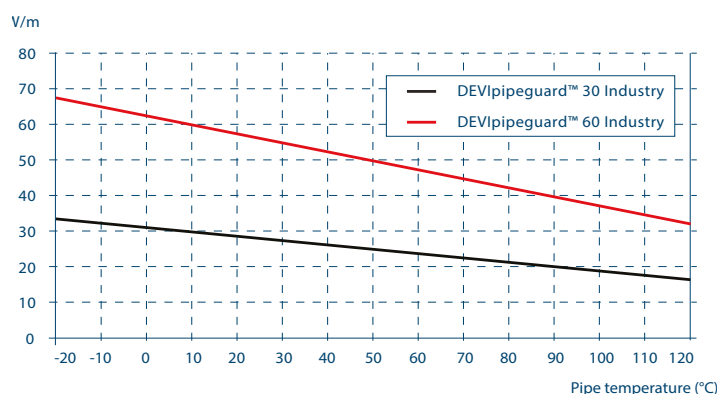
Type	Value
Operational voltage	230 V AC (max. 254 V AC)
Nominal output (min-max): DEVIpipeguard™ 60 Industry	60 W/m @ 10 °C (54-72 W/m @ 10 °C)
Maximum permissible use temperature	120 °C, powered 190 °C, unpowered
Minimum installation temperature	-5 °C
Minimum switched on temperature	-60 °C
Cable dimensions	10,2 x 4,8 mm
Outer sheath	Red, Fluoropolymer
Minimum braid coverage	70 %
Maximum resistance protective braid	18,2 Ω/Km
Bending Ø, min.	50 mm (Ø to the inside of the tape)
IP Class	IPX7

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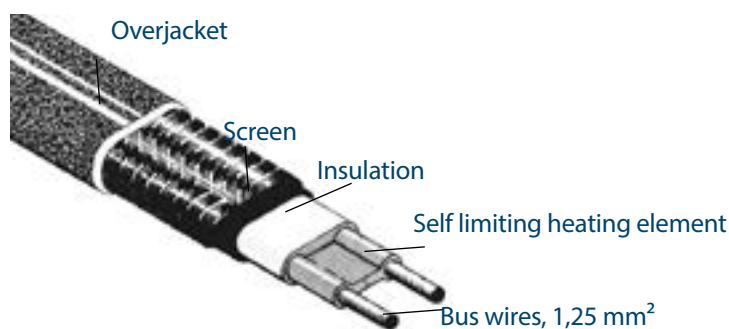
Product Code	Length	Tolerance
01-109027	Cut-to-length	1m

Power output characteristic

Output of heating cable installed and measured on a pipe.



Construction



- Nickel plated copper bus wires
- Radiation Cross-Linked Semiconductive Heating Matrix
- Radiation Cross-Linked Primary Dielectric Insulation
- Tinned copper braid
- Polyolefin over jacket