



# SELF REGULATING HEATING CABLE MICRO - TYPE HGM 65°C

HGM is a parallel self-regulating heating cable used for freeze protection and temperature maintenance of pipes, valves, flanges and tanks. Self-regulating heating cables increase or decrease the heat output depending on the change of ambient temperature. Because of this a thermostat is not always necessary, the heating cable will never over heat.

## OPTIONS

### HGM C

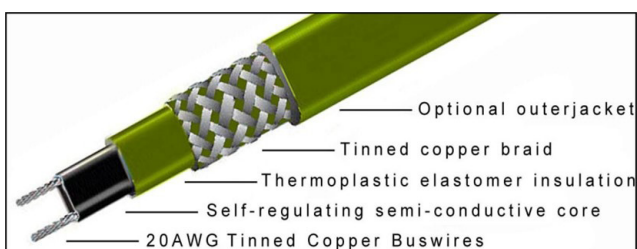
Tinned copper braids provide additional mechanical protection and a positive ground path

### HGM CR

Flame retardant thermoplastic outer jacket protects against certain inorganic chemical solutions. It also protects against abrasion and impact damage

### HGM CT

High temperature fluoropolymer outer jacket are used for exposure to organic or corrosive solutions or vapor may be present



## TECHNICAL DATA

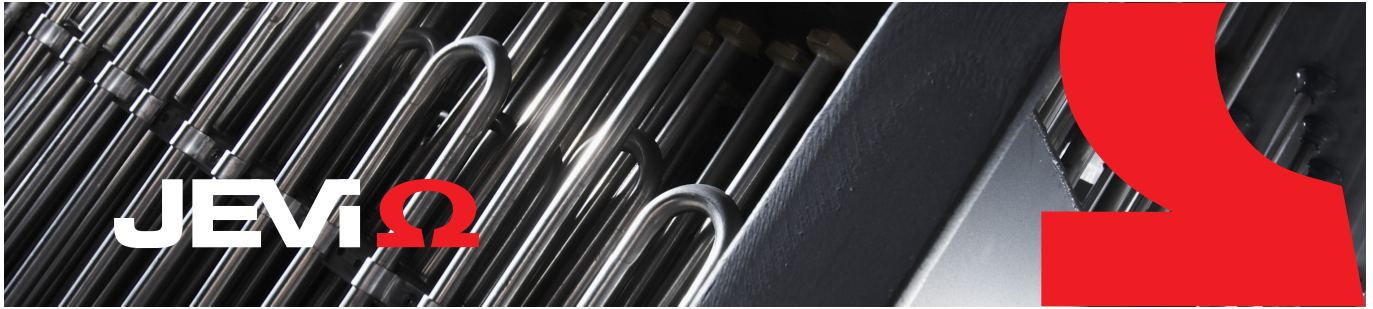
- Power supply: 208-277V
- Maximum continuous exposure temperature (power on): 65°C
- Maximum intermittent exposure temperature, 1000 hours (power on or off): 85°C
- Minimum installation temperature: -40°C
- Protective braid resistance: <math>< 18.2 \Omega/\text{km}</math>
- Bus wire gauge: 20 AWG

## APPROVALS

- ETL, EAC, CE

## FEATURES

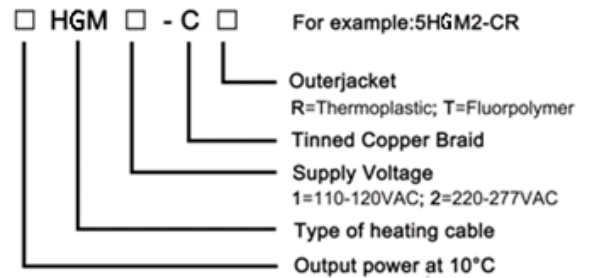
- Energy efficient, automatically varies its power output in response to pipe temperature changes
- Easy to install, can be cut to any length (up to max circuit length)
- Lower installation costs than steam tracing. Less maintenance costs and downtime
- No overheating or burnout even when overlapped
- Suitable for use in hazardous, non hazardous and corrosive environments



### WEIGHT AND DIMENSION

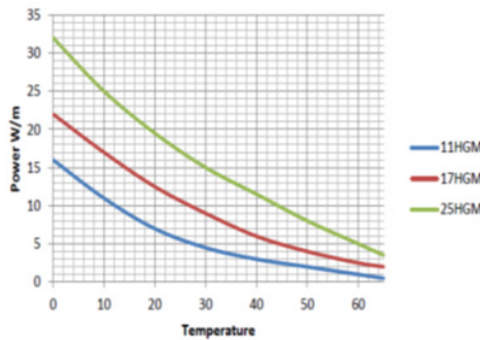
Type	Dimension	Minimum bending radius	Weight (kg/100m)
HGM C	6,7x3,2mm	29mm	6,0
HGM CR	8,3x5,7mm	34mm	7,5
HGM CT	7,7x5,1mm	30mm	7,1

### PRODUCT ORDERING INFORMATION



### POWER OUTPUT CURVES

Nominal power output at 230V when HGM installed on insulated metal pipes.



### MAXIMUM LENGTH (M) VS CIRCUIT BREAKER SIZE

Minimum start-up temperature	CB size Amps	11HGM	17HGM	25HGM
		230V m	230V m	230V m
10°C	10	128	100	75
	16	128	112	90
	25	128	112	92
0°C	10	123	85	65
	16	128	102	88
	25	128	112	92
-10°C	10	98	81	52
	16	120	99	77
	25	128	112	92
-20°C	10	81	56	34
	16	115	88	51
	25	128	102	70