



Heating Tape

for Sensitive Surfaces

The factory terminated heating tape ELW-GN with E-glass insulation is suitable for trace heating of apparatus, appliances and systems in a non-corrosive environment and its preferred use is for glass devices and systems with sensitive surfaces.

Advantages:

- Factory terminated
- Single end connection
- Highly flexible
- Surface-friendly
- Small bending radius
- Easy to assemble
- Moisture proof

Applications:

- Heat tracing on apparatus, appliances and systems
- Devices and systems made of glass with sensitive surfaces
- Laboratory applications



Type **ELW-GN** up to 260 °C





Technical Information

Type ELW-GN up to 260 °C

Data

■ Insulation (1)	PTFE
■ Protective braid (2)	Nickel-plated copper
■ Outer jacket (3)	E-glass textile
■ Nominal voltage	230 V
■ Output	Approx. 50 W/m*
■ Operating temp., max.	260 °C
■ Dimensions (wxh)	Approx. 25 x 6 mm
■ Bending radius, flat, min.	10 mm
■ Installation temp., min.	-60 °C
■ Moisture proof	Yes
■ Cold lead length, both ends	1.2 m, without plug
■ Protection class	I

Standards

■ Manufactured according to	DIN VDE 0253
■ Final inspection according to	DIN VDE 0721 T411 2.5 kV AC – 1 min



***Note:** The output per meter of heating cable and the maximum possible operating temperatures depend on the respective application. For individual cases, we recommend that you contact our engineers – we will be pleased to advise you.

Designation	Heated length (m)	Nominal output (W) temperature. max. 100 °C	Art. No.	Nominal output (W) temperature. max. 150 °C	Art. No.	Nominal output (W) temperature. max. 200 °C	Art. No.
ELW-GN 0.6	0.6	30	0231001	–		–	
ELW-GN 1.1	1.1	54	0231011	–		–	
ELW-GN 1.7	1.7	78	0231701	52	0231012	26	0231013
ELW-GN 2.4	2.4	94	0231021	69	0231022	37	0231023
ELW-GN 3.0	3.0	147	0231031	88	0231032	44	0231033
ELW-GN 4.2	4.2	210	0231041	126	0231042	63	0231043
ELW-GN 5.4	5.4	245	0231051	163	0231052	82	0231053
ELW-GN 6.0	6.0	294	0231061	176	0231062	88	0231063
ELW-GN 7.0	7.0	344	0231071	–		–	
ELW-GN 10.0	10.0	464	0231101	294	0231102	–	
ELW-GN 12.5	12.5	623	0231121	371	0231122	192	0231123
ELW-GN 15.0	15.0	705	0231151	441	0231152	220	0231153
ELW-GN 17.5	17.5	864	0231171	521	0231172	–	
ELW-GN 21.0	21.0	1,008	0231211	611	0231212	315	0231213
ELW-GN 28.0	28.0	1,390	0231281	756	0231282	378	0231283

Other lengths upon request.

Resistance tolerance: +/- 5 %

All output figures are nominal values at +20 °C.

Lengths tolerance ± 2%, max. ± 0.25 m.

Cables shall neither intersect nor contact.

Provide protection by means of circuit breaker FI 30.

Please observe the standards IEC 62395-2, EN 60519-10.



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