Constant Wattage Heating Cable
with Resistance Wire

These parallel heating cables offer tremendous flexibility in use, as they can easily be cut to the required length off the roll, with the assurance of constant power output. There is no need for a connecting cable and input can be unilateral. It is quick and easy to assemble; this saves a lot of time and as a result reduces cost considerably. Since output of up to 60 W/m is possible for lengths laid to piping, ELP parallel heating cables are particularly suitable for piping with high output requirements such as in industrial process technology. The particularly temperature-resistant outer shell and the high level of chemical resistance ensure a long useful life.

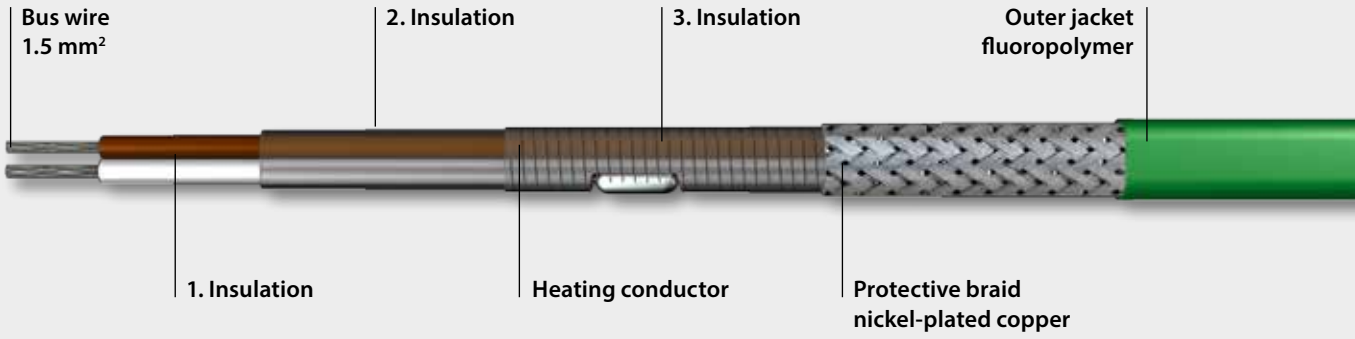
Advantages:

- Single end power input
- Can be cut off the roll
- Constant power output per meter
- Long life cycle
- Laying without exact measuring possible
- High chemical resistance
- UV resistance

Applications:

- Vessels, piping, valves
- Building construction
- Food processing industry
- Paper industry

Type **ELP/FEP up to 200 °C**



Technical Information

Type ELP/FEP up to 200 °C

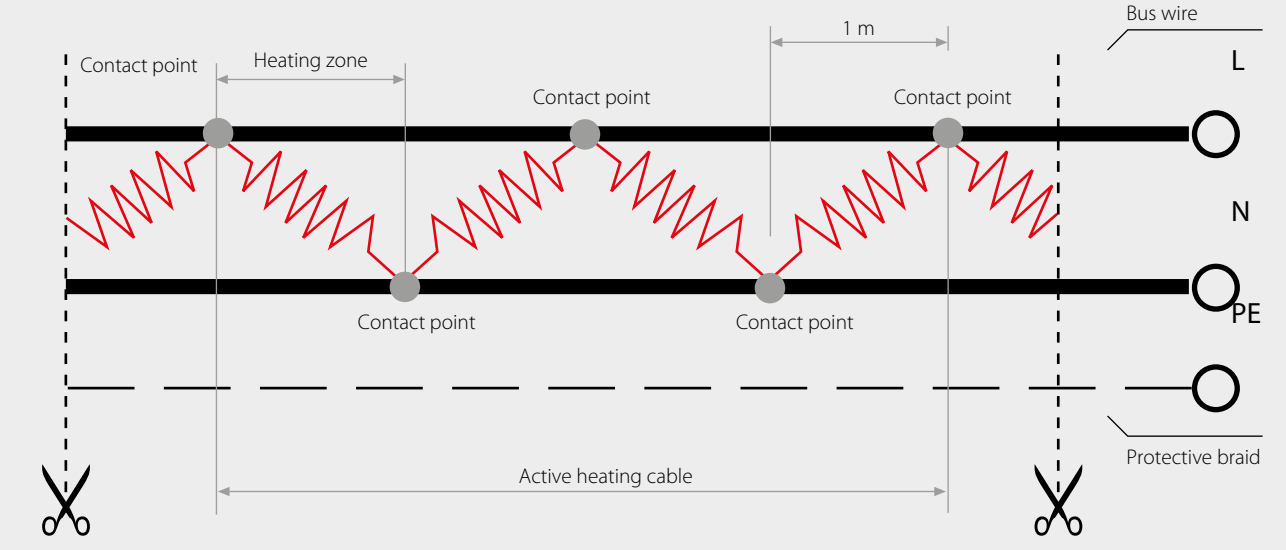
Data

Insulation	Fluoropolymer
Protective braid	Nickel-plated copper
Outer jacket	Fluoropolymer
Nominal temperature	200 °C
Moisture proof	Yes
Bending radius, min.	25 mm
Bus wire cross section	2 x 1.5 mm²
Nominal voltage	230 V AC/DC
Installation temp., min.	-45 °C
Start-up temp., min.	-45 °C

Standards

Manufactured according to	DIN VDE 0721-52 EN 62395-1; 2007-05

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.



Type	Nominal output	Working temp. max	Dimensions approx. (mm)	Contact spacing (m)	Art. No.
ELP/FEP 15 BO	15 W/m	195°C	8.0 x 5.5	1.0	B033201501
ELP/FEP 30 BO	30 W/m	180°C	8.0 x 5.5	1.0	B033203001
ELP/FEP 45 BO	45 W/m	165°C	8.0 x 5.5	1.0	B033204501
ELP/FEP 60 BO	60 W/m	150°C	8.0 x 5.5	1.0	B033206001

Bus wire cross section 2 x 2 mm² upon request.

Maximum heating circuit length

Type	W/m	Length (m) at 50 °C	Length (m) at 150 °C
ELP/FEP 15 BO	15	161	119
ELP/FEP 30 BO	30	98	82.5
ELP/FEP 45 BO	45	65.5	65.5
ELP/FEP 60 BO	60	50	50

Heating circuit lengths ELP/FEP on the following conditions

- 16 A circuit breaker, 80 % utilisation
- Max. 10 % voltage drop
- Power connection to one (1) heater end