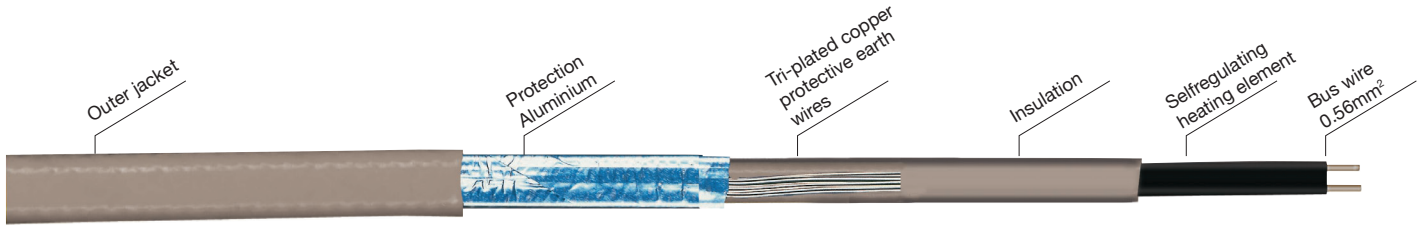


Selfregulating heating cable Type ELSR-M up to 65°C



- Self-regulating
- Two nominal outputs
- Can be cut to length from the roll
- Moisture proof
- UV-resistant

The ELSR-M heating cable offers you the smallest possible dimensions, is highly flexible in its application and perfectly suited to use for short heating circuits. A further feature: the ELSR-M-BF heating cable can be laid fully immersed in water, even its end contacts are moisture proof!

Applications:

ELSR-M is a self-regulating heating cable with a lightweight (“micro”) design, suitable for use in industry and house construction. The applications range from frost protection to temperature maintenance for pipes and receptacles. (Temperatures up to 65°C). For example, the cable is used when heating tube bundle cables for water analysis.

Technical Data:

Outer jacket, thermoplastic..... TPE-O
 Bus wire..... Cu nickel-plated
 Maximum exposure temperature (deenergized) 65°C
 Maximum exposure temperature (energized)..... 65°C
 Nominal voltage 230V
 Min. bending radius 25mm
 Min. installation temperature..... -45°C

The food approved outer jacket is a special highlight of the ELSR-M and you can order it as variant ELSR-M-BF. Alternatively, you can be provided with the M tape, also with aluminium foil and a thermoplastic outer jacket (ELSR-M-AO) or with braiding and a thermoplastic outer jacket.

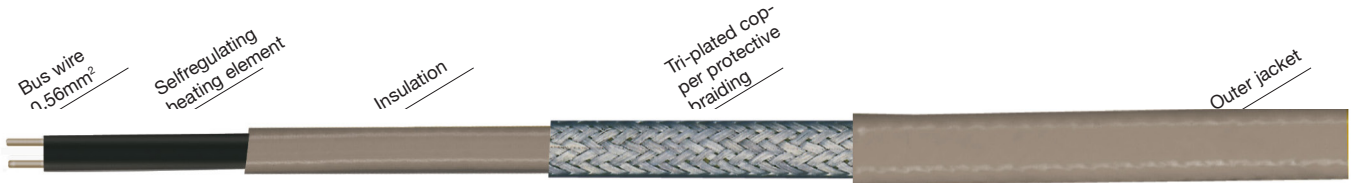
Type	Nom. loading at 10°C (W/m)	Max. allowed ambient temperature		Earth braiding	Dimensions (mm)	Part no.
		power on	power off			
ELSR-M-10-2-BO**	10	65	65	Braiding	8.5x5.8	3660013
ELSR-M-15-2-AO*	15	65	65	Alu-foil	8.0x5.5	3660014
ELSR-M-15-2-BO**	15	65	65	Braiding	8.5x5.8	3660015
ELSR-M-10-2-BF*	10	65	65	Alu-foil	7.5x4.9	3660006
ELSR-S-BOT*	14	65	80	Tinned copper braiding	8.9x6.1	3660007
Termination kit		For box PG 16				7399120
		For cold cable or splicing				7399108

* On stock
 ** Not on stock

Design:

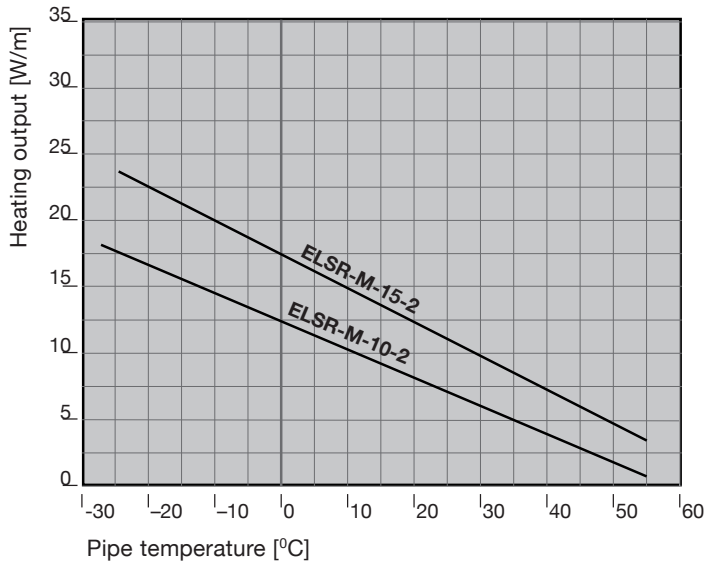
- BO: Protective braiding and a thermoplastic outer jacket.
 AO: Aluminium foil and a thermoplastic outer jacket.
 BF: Protective braiding and food safe outer jacket, suitable for use with drinking water.
 BJJ: Teflon-PFA

Selfregulating heating cable Type ELSR-M up to 65°C



ELSR-M-...-2 output

(on insulated metallic pipes in accordance with EN 62395-1)



Heating circuit lengths ELSR-M-...-2

considering

- 230V nominal voltage
- Delayed action circuit breakers (C-characteristic) with 80 per cent maximum load
- Maximum 10 per cent line voltage drop on the heating cable bus wire
- A (1) single end power input heating cable into consideration

Switch-on temperature (°C)	Nominal cut-out value (A)	Heating circuit length (m) for	
		ELSR-M-10-2	ELSR-M-15-2
+10°C	16	126.5	105.5
	20	126.5	105.5
0°C	16	115.5	97.5
	20	115.5	97.5
-10°C	16	106.5	91.0
	20	106.5	91.0
-20°C	16	99.5	85.5
	20	99.5	85.5
-40°C	16	88.5	77.0
	20	88.5	77.0