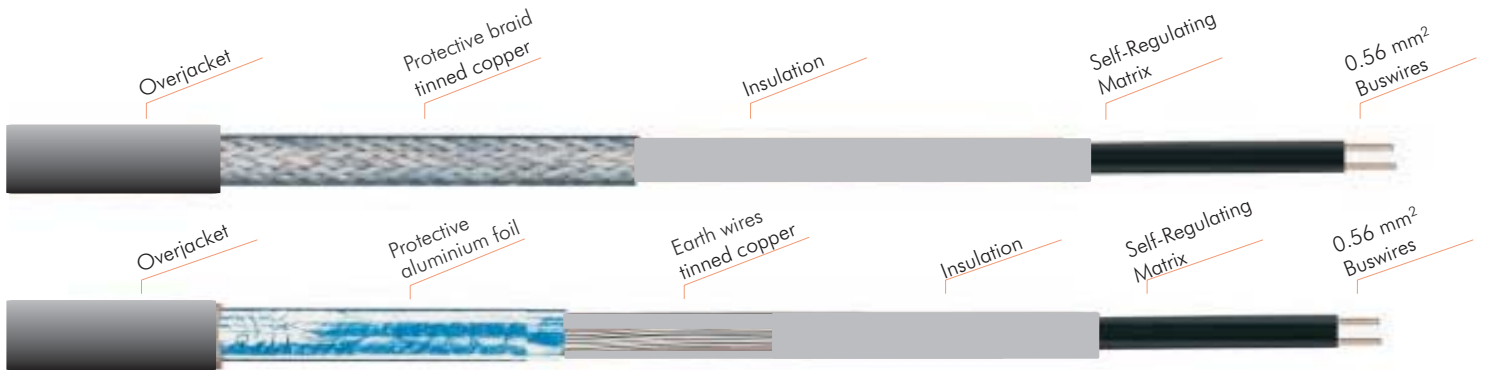




# Self-regulating parallel heating cable

Type ELSR-M

up to 65°C



## Description of heating cable

- Self-regulating
- 2 power output ranges
- Cut-to-length
- Moisture-protected
- UV resistant

### Applications:

ELSR-M is a light construction self-regulating heating cable adapted for industrial or domestic use. Applications range from frost protection to temperature maintenance on pipes and vessels.

### Technical Data:

Overjacket.....	TPE-O
Buswires.....	nickel plated
Maximum exposure temperature (De-energized).....	65°C
Maximum exposure temperature (Energized).....	65°C
Power supply.....	230V
Minimum bend radius.....	25 mm
Minimum installation temperature.....	-30°C
Approvals.....	Gost

Type	Nominal power output	Dimensions approx. [mm]	Weight approx. [g/m]	Order-number
ELSR-M-10-2-AO	10 W/m at 10°C	6.9 x 4.8	72	B0225102
ELSR-M-10-2-BO	10 W/m at 10°C	7.7 x 5.4	75	B0225103
ELSR-M-15-2-AO	15 W/m at 10°C	6.9 x 4.8	72	B0225152
ELSR-M-15-2-BO	15 W/m at 10°C	7.7 x 5.4	75	B0225153
<b>ELSR-M-10-2-BF</b>	<b>10 W/m at 10°C</b>	<b>7.7 x 5.4</b>	<b>75</b>	<b>B0225104</b>

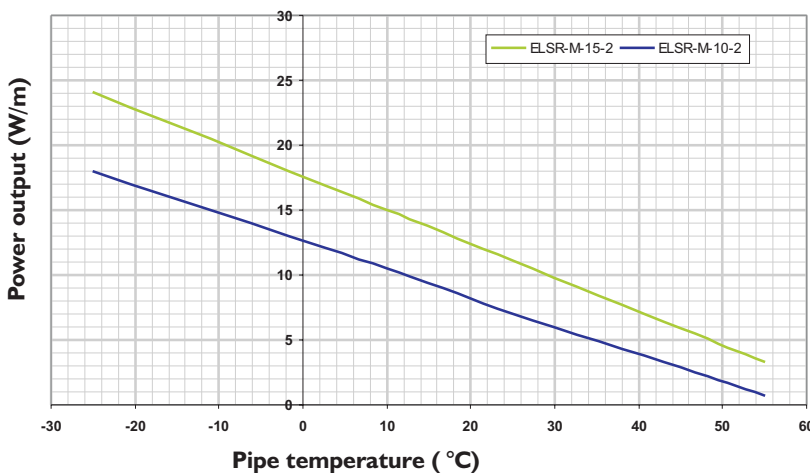
### Construction:

- BO: Protective braid and thermoplastic overjacket
- AO: Aluminium foil and thermoplastic overjacket
- BF: Protective braid and food approved overjacket

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

Start-up temperature (°C)	CB size (A)	Circuit length (m) for	
		ELSR-M-10-2	ELSR-M-15-2
10	16	126,5	105,5
	20	126,5	105,5
0	16	115,5	97,5
	20	115,5	97,5
-10	16	106,5	91
	20	106,5	91
-20	16	99,5	85,5
	20	99,5	85,5
-40	16	88,5	77
	20	88,5	77

**Power output ELSR-M-...-2 (on insulated metal pipes according to VDE 0254)**



- In consideration of
- 230V power supply
- circuit breakers (type "c") with maximum 80% load
- maximum 10% voltage drop at the bus wires of the heating cable
- fed from one end

