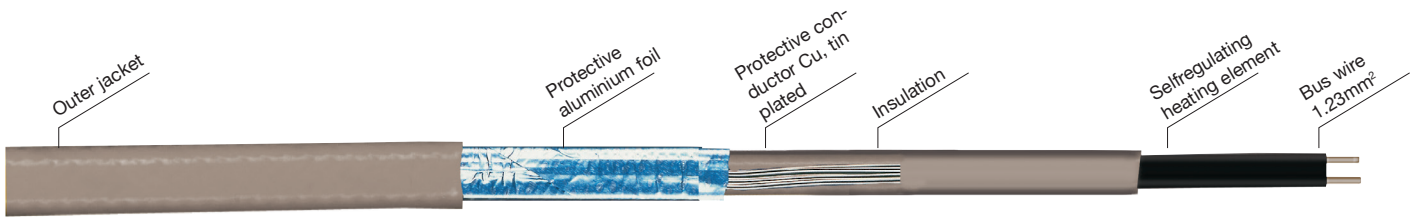


Selfregulating heating cable Light Super - Type ELSR-LS up to 80°C



The versatile self-regulating heating cable ELSR-LS is our 'light' version for temperatures up to 80 °C.

This heating cable is also suited and approved for use in hazardous areas. Since our selfregulating cables can be cut off the roll to the desired length, the application cable is highly flexible to match our customer's needs. Its long life span guarantees for the efficient use in many industrial sectors

Advantages:

- Self-regulating
- Four nominal outputs
- Can be cut to length off the roll
- Moisture proof
- UV-resistant
- Small dimensions

Applications:

- Pipe heat tracing
- Frost protection for industrial applications
- Temperature maintenance for pipes and vessels
- Chemical & petrochemical industries
- Paints & varnishes
- Automotive
- Food processing industry

Technical Data:

Outer jacket..... TPE-O
 Bus wire..... 1,23mm² nickel-plated copper
 Maximum exposure temperature (power off).....80°C
 Maximum exposure temperature (power on).....65°C
 Nominal voltage230V
 Bending radius minimum25mm
 Minimum installation temperature..... -50°C
 Classification II 2G Ex e IIC Gb II 2D Ex tb IIIC Db
 Certificate IECEx EPS 12.0006U
 12ATEX1431U

Type	Nom. output at 10°C (W/m)	Dimensions approx. (mm)	Weight approx. (g/m)	Part no.
ELSR-LS-10-2-AO	10	10,3x5,5	78	
ELSR-LS-10-2-BO	10	10,8x5,6	98	
ELSR-LS-15-2-AO	15	10,3x5,5	78	
ELSR-LS-15-2-BO	15	10,8x5,6	98	
ELSR-LS-25-2-AO	25	10,3x5,5	78	
ELSR-LS-25-2-BO	25	10,8x5,6	98	
ELSR-LS-30-2-AO	30	10,5x5,5	78	
ELSR-LS-30-2-BO	30	10,8x5,6	98	

Design:

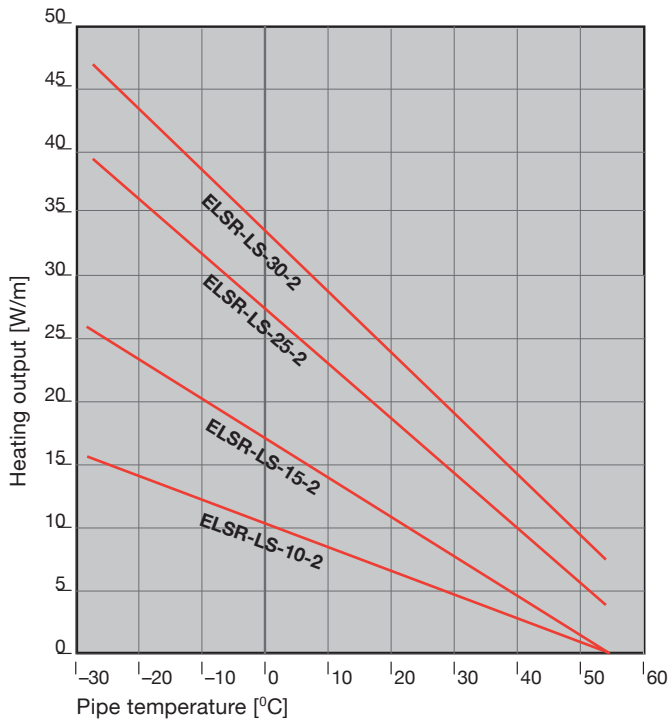
BO: Protective braiding and a thermoplastic outer jacket
 AO: Aluminium foil and a thermoplastic outer jacket

Selfregulating heating cable Light Type ELSR-L up to 80°C



ELSR-LS-...-2 output

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



Heating circuit lengths ELSR-LS-...-2 on the following conditions:

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

Switch-on temp. °C	Nominal cutout value A	Heating circuit length (m) for			
		ELSR-LS-10-2	ELSR-LS-15-2	ELSR-LS-20-2	ELSR-LS-30-2
+10°C	10	152,0	103,0	64,0	49,0
	16	196,0	160,5	103,0	78,0
	20	196,0	160,5	126,0	97,5
	25	196,0	160,5	126,0	112,5
0°C	10	141,0	84,0	54,0	44,0
	16	188,5	134,0	87,0	70,0
	20	188,5	145,0	108,0	87,5
	25	188,5	145,0	116,0	104,0
-10°C	10	119,0	71,0	47,0	38,0
	16	173,5	114,0	75,0	61,0
	20	173,5	133,0	94,0	76,0
	25	173,5	133,0	107,5	95,0
-20°C	10	103,0	62,0	37,5	33,0
	16	161,0	99,0	60,0	53,0
	20	161,0	124,0	75,0	66,0
	25	161,0	124,0	94,0	83,0