

CE Ex Self-regulating heating cable up to 200 °C with braided metal sheath and fluoropolymer outer jacket

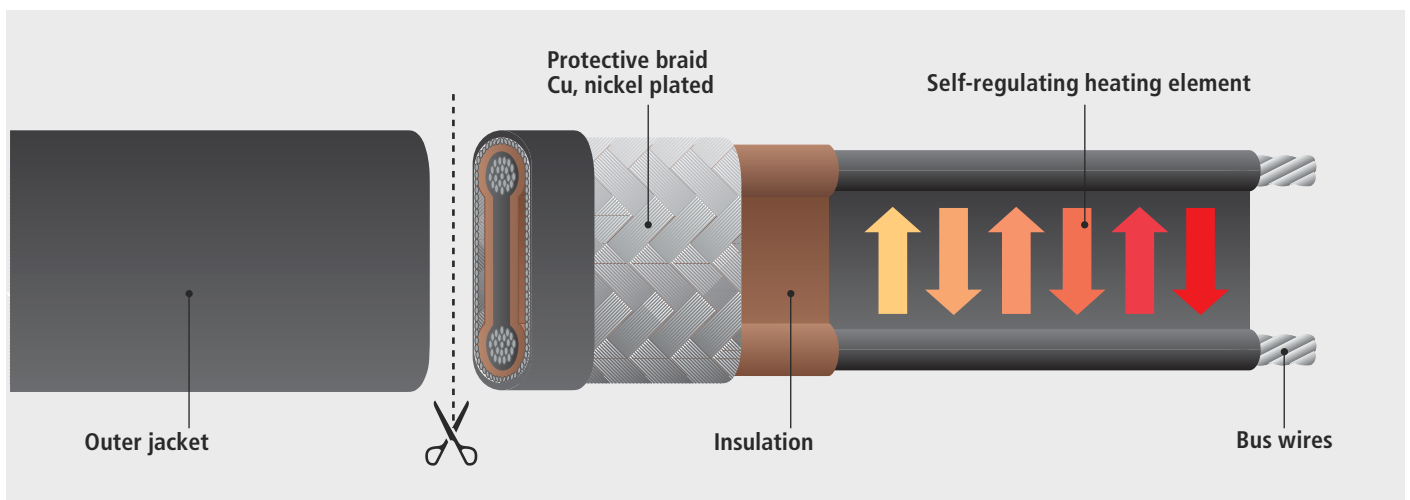
Application

The self-regulating heating cables **AKO-7126x** are suitable for frost protection and temperature maintenance for receptacles, pipes and valves, up to 200 °C. The outer jacket withstands aggressive chemicals, oil and fuel. Likewise it is approved for use in hazardous areas.

Typical applications

- Frost protection
- Chemical & petrochemical industries
- Pipe heat tracing
- Vessels and tanks

Construction



Technical specifications

Bus wire	.....	Nickel plated copper
Maximum exposure temperature (power off)	Intermittent:	250 °C (1000 h)
	Continuous:	200 °C
Maximum exposure temperature (power on)	.....	200 °C
Rated voltage	.....	208 up to 254 V
Bending radius, min.	.....	25 mm
Installation temperature, min.	.....	-55 °C
Ex protection type	.....	Ex II 2G Ex e IIC T3 Gb Ex II 2D Ex tb IIIC T195 °C Db IP65 -55 °C ≤ Ta ≤ +50 °C
Certificates	.....	Sira 14 ATEX3051 X
Weight approx.	.....	120 g/m

	AKO-71261	AKO-71263	AKO-71265	AKO-71267
Type	HTSB 30	HTSB 45	HTSB 60	HTSB 75
Nominal output at 230 V	30 W/m at 10 °C	45 W/m at 10 °C	60 W/m at 10 °C	75 W/m at 10 °C
Design	Protective braid and a fluoropolymer outer jacket			
Dimensions approx.	10.2 x 4.8 mm			11.4 x 5.2 mm
Bus wires section	1.2 mm ²			1.9 mm ²

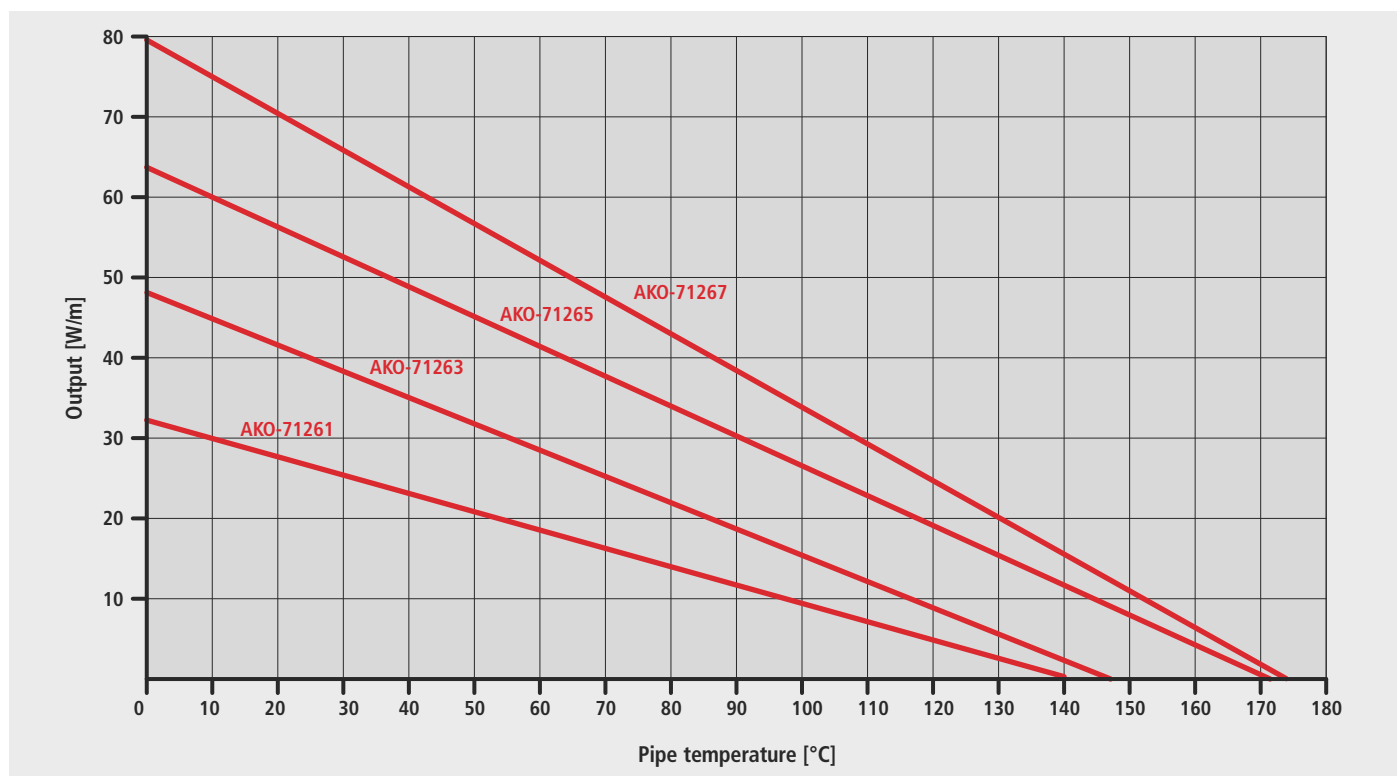
Heating circuit lengths

On the following conditions:

- 230 V nominal voltage
- Circuit breaker (C-characteristic)

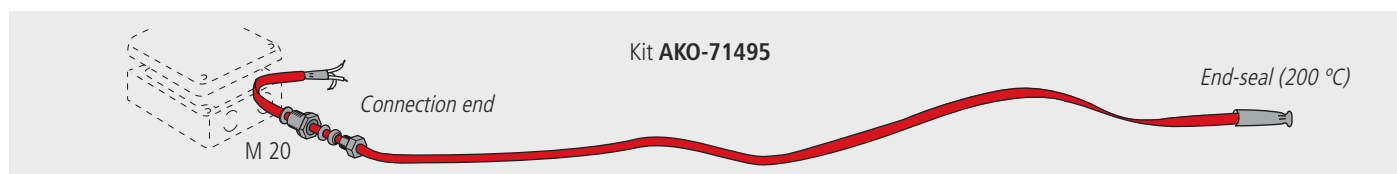
Switch-on temperature	Nominal cutout value (A)	Heating circuit length (m) for			
		AKO-71261	AKO-71263	AKO-71265	AKO-71267
10 °C	10	50	35	28	16
	16	75	50	42	22
	20	90	64	46	26
	25	110	82	64	34
	32	110	82	64	42
-10 °C	10	40	28	22	14
	16	72	47	38	20
	20	85	60	43	22
	25	105	75	55	28
	32	110	82	64	38
-25 °C	10	34	22	16	13
	16	70	45	36	20
	20	85	55	42	22
	25	100	71	46	28
	32	110	82	64	36
-40 °C	10	32	20	15	13
	16	65	40	30	17
	20	70	50	36	20
	25	90	60	46	25
	32	100	82	60	32

Output (On insulated steel pipes at 230 V)



Accessories

The appropriate kit should be used to make the connection and cable end sealing.



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