

Type EKL

200 °C

Single-wire heating cord

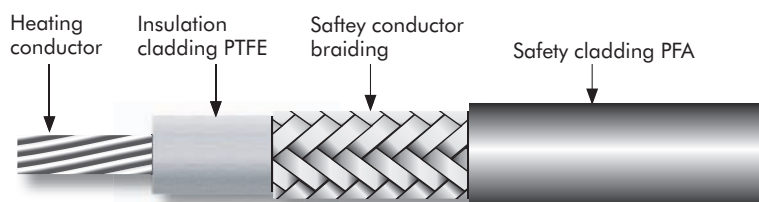
EKL for the -area

The EKL single-wire PFA heating cord is a very flexible, fixed-resistance heating cord. So it can be used simply and effortlessly to heat pipes, pumps, valves or containers. It offers constant output per metre and ensures easy assembly even at low ambient temperatures, so it can be finished without problems on the construction site. It is highly mechanically and chemically resistant and is steam rinse-proof.



Operating temperature:	max. 200°C
Rated voltage:	300/500 V AC
Test voltage:	AC 2.2 kV
Min. bending radius:	30 mm
Connecting cable:	up to 4 mm ²
Min. laying temperature:	-20°C
Mechan. strength:	4 joules per EN 50019
Safety conductor braiding:	< 18.2 Ohm/km
Weight:	< 160 g/m
External diameter:	Ø 3.5 – 4.5 mm
Degree of protection / class:	IP 20 (EN 60529) / I

Explosion protection	
Marking:	Ex II 2G EEx e II
Test certificate:	LCIE 05 ATEX 6086 U



EKL-E	EKL-G
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The coupler meets the explosion protection requirements for electrical systems of device group II and device categories 2G and 2D. It serves to create an electrical connection between single-wire EKL heating cords (page 21). The permissible holding temperature range is max. +170°C (depending on the power loading)

Marking:	II 2G EEx e II T6 to T3 II 2D IP 65 TX
Test certificate:	IBExU04 ATEX 1157 X
Rated voltage:	550 V
Nominal current:	max. 20 A
Ambient temperature range:	-32°C to +200°C
Dimensions:	Ø 25 mm, L approx. 115 mm
Connecting cable:	EKLK 2,5 mm ² , EKLK 4 mm ²
Protection grade / class:	IP 65 (EN60529) / I

Selection table Tolerances -5% / +10%	
Short name	Ohm/km at +20°C
EKL 04R4	4,40
EKL 0010	10,00
EKL 11R7	11,70
EKL 0025	25,00
EKL 31R5	31,50
EKL 0050	50
EKL 0100	100
EKL 0180	180
EKL 0250	250
EKL 0280	280
EKL 0360	360
EKL 0450	450
EKL 0650	650
EKL 0800	800
EKL 1000	1000
EKL 1300	1300
EKL 1470	1470
EKL 1900	1900
EKL 2900	2900
EKL 4000	4000
EKL 8000	8000

