

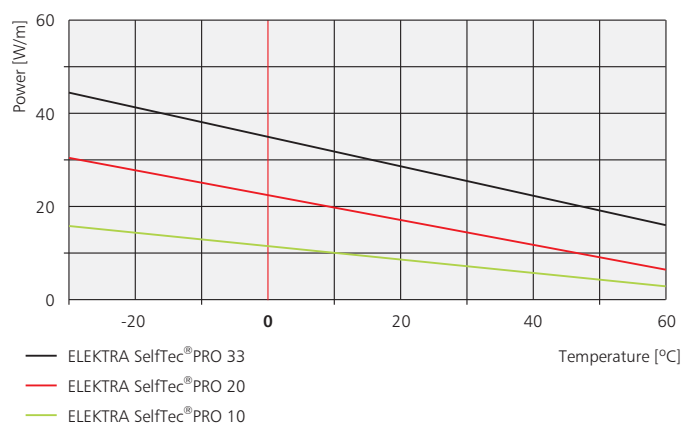
ELEKTRA Heating Cables

Self-regulating SelfTec®PRO

ELEKTRA SelfTec®PRO Self-regulating Heating Cables on a spool. An advanced antifrost protection system for pipes, gutters, downpipes, valves and other objects which may be damaged by low temperatures.



ELEKTRA SelfTec®PRO



This package contains:

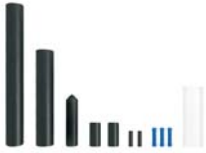





- ELEKTRA SelfTec®PRO heating cable on a spool.

Technical data:

Power output (+10°C):	10, 20 or 33 W/m
Power output (0°C in ice water):	30 W/m (SelfTec®PRO20) 45 W/m (SelfTec®PRO33)
Power supply:	230 V ~ 50/60 Hz
External dimension of cable:	~ 7 x 11 mm (10, 20 W/m), ~ 7 x 13 mm (33 W/m)
Min. installation temperature:	-30°C
Max. working temperature:	+65°C
Max. exposure temperature:	+85°C power-off
Type of heating cable:	self-regulating, single-side power supply
Screen of heating cables:	100% coverage, PET covered aluminum foil, tinned copper braiding
Conductor:	tin-coated copper 2 x 1.1 mm ² (10, 20 W/m), 2 x 1.35 mm ² (33 W/m)
Insulation:	modified polyolefin
Outer sheath:	UV resistant, halogen free polyolefin
Min. radius of bending cable:	3.5 D
Max. cable length per circuit:	see next page
Max. circuit-breaker, C-type:	see next page
Deformation strength:	> 1500 N
Pulling strength:	> 300 N
Product certificates:	EAC
Certificate of ISO 9001:	IQNET, PCBC
Product mark:	CE



TURN-ON TEMPERATURE	SelfTec®PRO 10			SelfTec®PRO 20				SelfTec®PRO 33			
	CIRCUIT-BREAKER, C-TYPE										
	10A	16A	20A	10A	16A	20A	32A	16A	20A	32A	40A
	MAX. CABLE LENGTH PER CIRCUIT [m]										
-20°C	85	125	180	45	65	90	120	50	65	85	100
-15°C	100	145	190	50	75	105	125	55	70	90	105
0°C	115	170	205	60	90	120	135	60	75	95	110
+10°C	130	205	–	80	110	135	–	70	70	110	120
0°C in ice water	–	–	–	40	55	70	85	40	55	70	90

<p>EC-PRO joint set</p> 	<p>BT-PRO mounting bracket for the UTR 60-PRO controller</p> 
<p>S-TWIN-PRO twin splice connection</p> 	<p>BKF-PRO mounting bracket for the KF 0404-PRO installation box</p> 
<p>KF 0404-PRO junction box with M25 gland</p> 	<p>CL-PRO caution label</p> 
<p>ECM25-PRO joint set with M25 gland</p> 	
<p>EK-PRO Insulation entry kit for self-regulating heating cables</p> 	

> Accessories:

Temperature controllers: ETOR2, ETR2R, UTR 60-PRO, ETI, TDR 4020-PRO, ETV
 Installation accessories: page 49 and 50

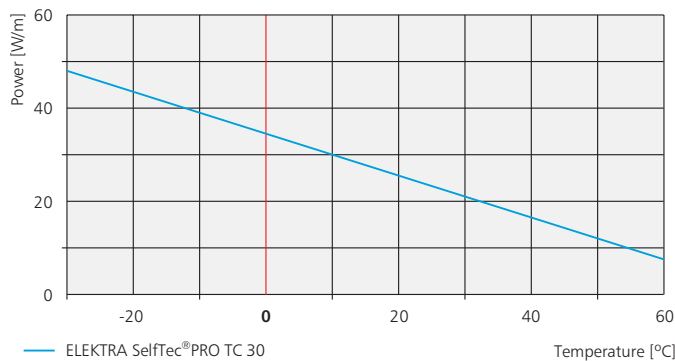
ELEKTRA Heating Cables

Self-regulating SelfTec®PRO TC

Self-regulating ELEKTRA SelfTec®PRO TC Heating Cables. An advanced anti frost protection system for objects which may be damaged by low temperatures: central heating and process heat pipelines, also valves during pauses in operation. The cable is high-temperature resistant during normal operation, as well as when switched off.



ELEKTRA SelfTec®PRO TC



This package contains:

- ELEKTRA SelfTec®PRO TC heating cable on a spool.

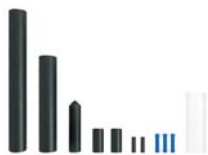
> Technical data:

Power output (+10°C):	30 W/m
Power supply:	230 V ~ 50/60 Hz
External dimension of cable:	~ 6 x 13.5 mm
Min. installation temperature:	-50°C
Max. working temperature:	+100°C
Max. exposure temperature:	+135°C power-off
Type of heating cable:	self-regulating, single-side power supply
Screen of heating cables:	100% coverage, PET covered aluminum foil, tinned copper braiding
Conductor:	nickel-coated copper 2 x 1.3 mm ²
Insulation:	XLEVA
Outer sheath:	HFFR
Min. radius of bending cable:	35 mm
Product certificates:	EAC
Max. cable length per circuit:	see next page
Max. circuit-breaker, C-type:	see next page
Deformation strength:	> 1500 N
Pulling strength:	> 300 N
Certificate of ISO 9001:	IQNET, PCBC
Product mark:	CE



TURN-ON TEMPERATURE	SelfTec®PRO TC 30			
	CIRCUIT-BREAKER, C-TYPE			
	16A	20A	32A	40A
	MAX. CABLE LENGTH PER CIRCUIT [m]			
-20°C	69	91	103	103
-15°C	73	94	103	103
0°C	80	100	106	106
+10°C	96	109	109	109
0°C in ice water	–	–	–	–

EC-PRO joint set



S-TWIN-PRO twin splice connection



KF 0404-PRO junction box with M25 gland



ECM25-PRO joint set with M25 gland



EK-PRO Insulation entry kit for self-regulating heating cables



BT-PRO mounting bracket for the UTR 60-PRO controller



BKF-PRO mounting bracket for the KF 0404-PRO installation box



CL-PRO caution label



> Accessories:

Temperature controllers: ETOG2, ETR2G, ETI,
UTR 60-PRO, TDR 4020-PRO

Installation accessories: page 49 and 50

La Grand E.V.O

Sydneystraat 90 - 3047BP Rotterdam
tel. 010-2449966
fax. 010-2449967
email. info@lagrand-evo.nl
www.lagrand-evo.nl