



T (°C)	R (Ω)
-50	329.500,00
-45	247.700,00
-40	188.500,00
-35	144.100,00
-30	111.300,00
-25	86.430,00
-20	67.770,00
-15	53.410,00
-10	42.470,00
-5	33.900,00
0	27.280,00
5	22.050,00
10	17.960,00
15	14.690,00
20	12.090,00
25	10.000,00
30	8.313,00
35	6.940,00
40	5.827,00
45	4.911,00
50	4.160,00
55	3.536,00
60	3.020,00
65	2.588,00
70	2.228,00
75	1.924,00
80	1.668,00
85	1.451,00
90	1.266,00
95	1.108,00
100	973,00
105	857,00
110	759,00

6	Lead ends	Tinned ends (others as connectors, fastons, sleeves are available upon request)				
5	Cable	Tinned Copper 4x0,25mm ² - Siliconic insulation				
4	Housing filling	Resin	Temperature range	-50 / +110°C		
3	Sensor housing	Stainless steel tube AISI304	Protection degree	IP66 (according to EN60529)	Megatron p/n	To be defined
2	Heating element	9-10 Ω 20W	Response time	≤ 8" approx (in stirred water)	Client p/n	
1	Sensor	NTC thermistor R ₂₅ =10KΩ ±1% β _{25/85} =3435K ±1% - discrete type (not SMD)	Insulation	>100MΩ @500Vac	Client	Company Systemy
--	Description	Needle temperature sensor	Dielectric strength	≥500Vac	Emission date	Nov 17, 2014