

Application

PT100 Intended for use as internal wiring of equipment or as external or interconnecting wires,600/1000V AC.

Characteristics

Temp low:-65o C

Temp >20,000 hrs:+150oC

MBR:

Fixed = 5x Ø

Flexing = 10x Ø

Standard

IEC / EN 60751

Current rating DIN VDE 0298-4

Cable identification (according to IEC 60584.3)

Cores :

1st: Red, 2nd: Red, 3rd: White, 4th: White, 5th: Red, 6th: Red, 7th: White, 8th: White

Sheath : Black



PT100 Tin Plated Copper (TPC)	No. of cores	Size mm ² (AWG)	Wire Nom Ø	ETFE Insulation Nom Ø	TPC braid Shield Nom Ø	ETFE Sheath Nom Ø	Weight Nom g/m	DC resistance Max Ω/km	DC current Rating In free air at 40oC Amps
Nickel Chromel (NiCr) + Copper Nickel (CuNi) -	4	0.22 (24)	0.60	1.10	2.7	3.2	23	87.4	7
	4	0.50	0.88	1.45	4.0	4.7	44	42.1	11
	8	0.22 (22)	0.60	1.65	4.0	4.7	46	87.4	5
	8	0.50	0.88	2.03	6.1	6.8	92	42.1	9