

# Habiatherm PT100

600V  
-65°C/+155°C

## Multi core cable, unshielded

Voltage	0.6/1kV AC U <sub>0</sub> /U
Test voltage	3kV AC
Flame retardant	IEC 60332-3
Smoke generation	IEC 61034-2

## Construction

Conductor	Tin Plated Copper (TPC)	Insulation	ETFE
Shield(s)	Braid of Tin Plated Copper (T)	Sheath	ETFE
Core colour	1 Rd   2 Rd   3 Wh   4 Wh   5 Rd   6 Rd   7 Wh   8 Wh	Sheath	Black
Marking	TYPE CORES x SIZE VOLTAGE SCREEN ORDER REFERENCE YEAR-WEEK e.g.: Habiatherm PT100 4x 0,22sqmm 600V 700044326 2012-W39		

## Application

PT100 resistance thermometers operate on the principle that electrical conductor resistance changes with temperature. As temperatures increase, so does the resistance and this can then be measured.

Description	Construction							Electrical amps at 40°C max	NSN	Article Number
	no. / size CSA	conductor Ø	insulation Ø	cabled Ø	shield/s Ø	sheath/s Ø	weight g/m			
PT100 4x 0.22 STZZ	4x 0.22	0.60	0.91	2.2	2.7	3.2	23	7	-	700044326
PT100 4x 0.5 STZZ	4x 0.50	0.88	1.44	3.5	4.0	4.7	44	11	-	700044327
PT100 8x 0.22 STZZ	8x 0.22	0.60	0.91	3.5	4.0	4.7	46	5	-	700044328
PT100 8x 0.5 STZZ	8x 0.50	0.88	1.44	5.5	6.1	6.8	92	9	-	700044330

Other designs are available for this part of the standard and will be incorporated on an on-going basis - should you require an item that is not included within this table, please contact one of our sales offices.



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