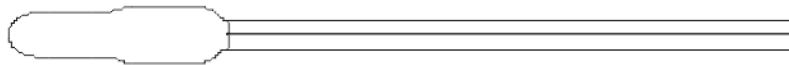


## NTC FC-PTC-15 Platinum Resistance Temperature Probe

- Series: PT100/PT500/PT1000
- Class: 1/3B,A, B
- Nominal Resistance R0: 100  $\Omega$ /500  $\Omega$ /1000  $\Omega$
- Temperature coefficient: available on request
- Shell: Epoxy resin
- Cable: PVC,PUR,Teflon,Silicon rubber
- Part NO: FC-PTC-15



### General information

|                               |                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------|
| Standard:                     | DIN EN 60751 ( IEC751 )                                                                                    |
| Resistance temperature range: | -70°C~+500°C                                                                                               |
| Response time :               | water current (v=0.4m/s):<br>t0.5 = 0.07s; t0.9 = 0.20s<br>air stream (v= 2m/s):<br>t0.5 = 3.2s t0.9 = 11s |

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Insulation resistance: | > 100M $\Omega$ at 20°C; > 2M $\Omega$ at 500°C |
| Withstand voltage:     | 1000VAC for 1 sec.                              |
| Self heating:          | 0.3K/mW at 0°C                                  |

### Applications

- Tank boiler water temperature detection
- Temperature detection machine
- Medical device temperature detection
- Temperature detection, refrigerator heat converter