



### General

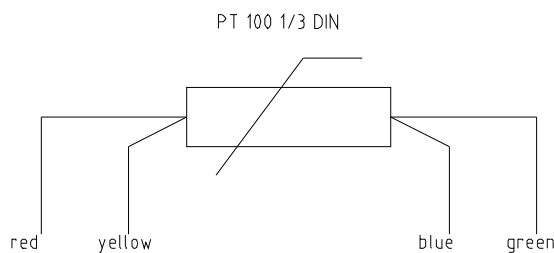
For temperature measurement in meteorology is used the temperature dependent change of the electrical resistance of metals. As an example the platinum temperature probe PT100 has so-called PTC (positive temperature coefficient).

The platinum temperature probe PT100 has nominal resistance 100 ohm at 0°C is placed in a water-proof pipe made of high-grade steel connected with the help a four-wire 5 meter long cable.

### Technical data:

probe type: PT 100 DIN IEC 751 1/3 class B  
measuring range: -30 ... 50 °C  
accuracy:  $\pm ( 0,1K + 0,0017 \times t / )$  at t = temperature °C  
dimension:  $\varnothing 3,5 \times 40$  mm  
cable length: 5 m

### connection chart



The Fischer company reserves the right to make changes/improvements to their products and to their specifications at any time without prior notice to anyone.

