



## Single PTC thermistor: EPTC/SH

**Description** single PTC thermistor with single shrinking tube insulation

**Item number** 903 111 181 101 040

**Measuring element**

*type* single PTC thermistor  
*material* Bariumtitanat (BaTiO<sub>3</sub>)  
*mode of connection* 2-wire circuit  
*resistance value* R<100Ω, according EN 44080 and 44081  
*tolerance* ±5K according EN 44080 and 44081

**Electrical values**

*nominal threshold temp.* 130°C  
*max. operating voltage* 30VDC  
*max. measuring voltage* 7,5VDC

**Temperature range**

*measuring range* -25°C...+155°C

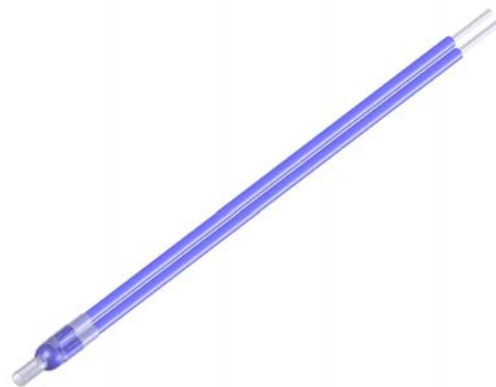
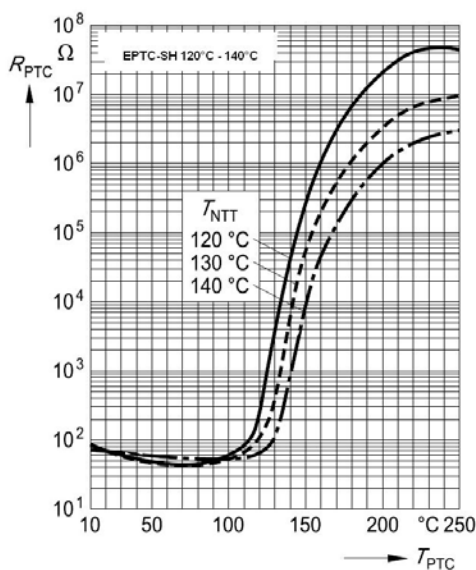
**Dimensions sensor**

*diameter* max. 3mm (incl. shrinking cap)  
*length* 10mm (shrinking cap)

**Supply line**

*material* copper, silver plated, PTFE insulated  
*cross section* AWG 26/7  
*length* 500mm  
*colour code* BU/BU (blue/blue)  
*litz end* 7±3mm, bared

**R/T-Diagramm**



**General hints:**

The thermistor should be installed strain-relieved and mechanically protected