

9. Specifications

	TT-SI 9071
Bandwidth	DC to 70 MHz (-3 dB)
Attenuation Ratio	1:10 / 1:100 (switchable)
Accuracy	±1 %
Rise Time	5 ns
Input Impedance	4 MΩ // 5,5 pF each side to ground
Input Voltage - Differential Range	1:10 ±70 V (DC+peak AC) or 70 Vrms 1:100 ±700V (DC+peak AC) or 700 Vrms
Input Voltage - Common Mode Range	1:10 and 1:100 ±700 V (DC+peak AC) oder 1000 Vrms
Input Voltage - Absolute Max. (Differential or Common Mode)	1:10 and 1:100 ± 1400 V (DC+peak AC) or 1000 Vrms
Measurement Category	CAT III
Output Voltage - Swing	± 7 V (into 50 kΩ Last)
Output Voltage - Offset (typical)	<± 5 mV
Output Voltage - Noise (typisch)	2mVeff
Source Impedance (typical)	50Ω (for using 1MΩ input system oscilloscope)
CMRR (typical)	-80dB @50Hz, -60dB @20kHz, -46dB @1MHz, -40dB @10MHz
Ambient Operating Temperature	-10 °C to 40 °C
Ambient Storage Temperature	-30 °C to 70 °C
Ambient Operating Humidity	25 % to 85 % RH
Ambient Storage Humidity	25 % to 85 % relative RH
Power Requirements - Standard	4 x AA Cells
Power Requirements - Optional	Power lead or Mains Adapter (6VDC/60mA or regulated 9VDC/40mA)
Length of BNC Cable	95 cm
Length of Input Leads	45 cm
Weight	400g (probe and PVC jacket)
Dimensions (LxWxH)	170 mm x 63 mm x 21 mm
Order Number	15125

- The supplied voltage must be less than 12V and greater than 4.4V, otherwise the probe could be damaged or can't be operated properly.
- Polarity is "+" inside and "-" outside. For wrong polarity, built-in circuit protects the probe, no danger or damage will occur.
- When the voltage of the cells become too low, the power indicator on the will flicker.