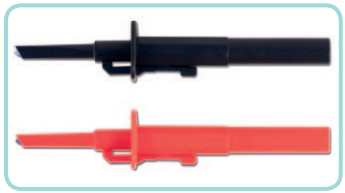
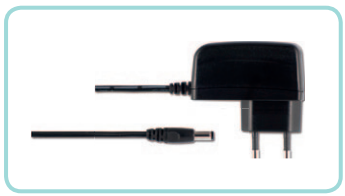
TESTEC

Aktive Differential-Tastköpfe | Active Differential Probes
TT-SI 9101 | TT-SI 9110 | TT-SI 9010

Mitgeliefertes Zubehör / Supplied Accessories





Specifications \ Type	TT-SI 9101	TT-SI 9110	TT-SI 9010
Order Number	**15111**	**15120**	**15106**
Bandwidth	DC to 100MHz (-3dB)	DC to 100MHz (-3dB)	DC to 70MHz (-3dB)
Attenuation Ratio	1:10 / 1:100	1:100 / 1:1000	1:100 / 1:1000
Accuracy	±2%	±2%	±2%
Rise Time	3,5ns	3,5ns	5ns
Input Impedance	4MΩ // 7pF each side to ground	4MΩ // 7pF each side to ground	10MΩ // 10pF each side to ground
Input Voltage – Differential Range	1:10 ±70V (DC + peak AC) or 70Vrms 1:100 ±700V (DC + peak AC) or 700Vrms	1:100 ±140V (DC + peak AC) or 140Vrms 1:1000 ±1400V (DC + peak AC) or 1000Vrms	1:100 ±700V (DC + peak AC) or 700Vrms 1:1000 ±7000V (DC + peak AC) or 2500Vrms
– Common Mode Range	1:10 ±700V (DC + peak AC) or 700Vrms 1:100 ±700V (DC + peak AC) or 700Vrms	1:100 ±1400V (DC + peak AC) or 1000Vrms 1:1000 ±1400V (DC + peak AC) or 1000Vrms	1:100 ±7000V (DC + peak AC) or 2500Vrms 1:1000 ±7000V (DC + peak AC) or 2500Vrms
– Absolute max. Voltage (Differential Mode)	1:10 ±1400V (DC + peak AC) or 1000Vrms 1:100 ±1400V (DC + peak AC) or 1000Vrms	1:100 ±1400V (DC + peak AC) or 1000Vrms 1:1000 ±1400V (DC + peak AC) or 1000Vrms	1:100 ±7000V (DC + peak AC) or 2500Vrms 1:1000 ±7000V (DC + peak AC) or 2500Vrms
(Common Mode)	1:10 ±1400V (DC + peak AC) or 1000Vrms 1:100 ±1400V (DC + peak AC) or 1000Vrms	1:100 ±1400V (DC + peak AC) or 1000Vrms 1:1000 ±1400V (DC + peak AC) or 1000Vrms	1:100 ±7000V (DC + peak AC) or 2500Vrms 1:1000 ±7000V (DC + peak AC) or 2500Vrms
Overvoltage Category	CAT III	CAT III	CAT I
Output – Swing – Offset (typical) – Noise (typical) – Source Impedance (typical)	±7V (into 50kΩ load) ‹±5mV 0,9mVrms 50Ω	±1,4V (into 50kΩ load) ‹±5mV 0,9mVrms 50Ω	±1,4V (into 50kΩ load) ‹±5mV 0,9mVrms 50Ω
CMRR (typical)	-85dB @ 50Hz, -55dB @ 1MHz	-80dB @ 60Hz, -60dB @ 1MHz	-80dB @ 50Hz, -60dB @ 1MHz

Technische Änderungen vorbehalten | All specifications and characteristics are subject to change without notice

Power requirements: 4 x AA Cells or Mains Adaptor 6VDC/200mA or regulated 9VDC/120mAA
Dimensions: (L x W x H) 202mm x 83mm x 38mm
Length: BNC Cable 90cm - Input Leads 30/60cm
Weight: 500g