

# Aktive Differential-Tastköpfe / Active Differential Probes

## TT-SI 9001, TT-SI 9002



Specifications	Type	TT-SI 9001	TT-SI 9002
<b>Ordernumber</b>		<b>15101</b>	<b>15102</b>
<b>Bandwidth</b>		DC to 25MHz (-3dB)	DC to 25MHz (-3dB)
<b>Attenuation Ratio</b>		1:10 / 1:100	1:20 / 1:200
<b>Accuracy</b>		±2%	±2%
<b>Rise Time</b>		14ns	14ns
<b>Input Impedance</b>		4MΩ // 5,5pF each side to ground	4MΩ // 5,5pF each side to ground
<b>Input Voltage</b>			
- Differential Range	1:10 1:100	±70V (DC + peak AC) or 70Vrms ±700V (DC + peak AC) or 700Vrms	±140V (DC + peak AC) or 140Vrms ±1400V (DC + peak AC) or 1000Vrms
- Common Mode Range	1:10 1:100	±700V (DC + peak AC) or 700Vrms ±700V (DC + peak AC) or 700Vrms	±1400V (DC + peak AC) or 1000Vrms ±1400V (DC + peak AC) or 1000Vrms
- Absolute max. Voltage CAT III	1:10 1:100	±1400V (DC + peak AC) or 1000Vrms ±1400V (DC + peak AC) or 1000Vrms	±1400V (DC + peak AC) or 1000Vrms ±1400V (DC + peak AC) or 1000Vrms
<b>Output</b>			
- Swing		±7V (into 2kΩ load)	±7V (into 2kΩ load)
- Offset (typical)		<±5mV	<±5mV
- Noise (typical)		0,7mVrms	0,7mVrms
- Source Impedance (typical)		1Ω @ 1kHz, 8Ω @ 1MHz	1Ω @ 1kHz, 8Ω @ 1MHz
<b>CMRR (typical)</b>		-86dB @ 50Hz, -66dB @ 20kHz	-80dB @ 50Hz, -60dB @ 20kHz

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

Power requirements: 4 x AA Cells or Mains Adaptor 6VDC/60mA or regulated 9VDC/40mA

Dimensions: (L x W x H) 170mm x 63mm x 21mm

Length: BNC Cable 95cm - Input Leads 45cm

Weight: 400g (Probe and PVC-Jacket)