

# Aktive Differential-Tastköpfe / Active Differential Probes

## TT-SI 50, TT-SI 51, TT-SI 52



Specifications \ Type	TT-SI 50	TT-SI 51	TT-SI 52
<b>Ordernumber</b>	<b>15130</b>	<b>15131</b>	<b>15132</b>
<b>Bandwidth</b>	DC to 50MHz (-3dB)	DC to 50MHz (-3dB)	DC to 50MHz (-3dB)
<b>Attenuation Ratio</b>	1:10	1:100	1:200
<b>Accuracy</b>	±1%	±1%	±1%
<b>Rise Time</b>	<7ns	<7ns	<7ns
<b>Input Impedance</b>	1,6MΩ // 7pF each side to ground	4MΩ // 7pF each side to ground	7MΩ // 7pF each side to ground
<b>Input Voltage</b>			
– Differential Range	±70V (DC + peak AC) or 70Vrms	±700V (DC + peak AC) or 600Vrms	±1400V (DC + peak AC) or 1000Vrms
– Common Mode Range	±700V (DC + peak AC) or 600Vrms	±1400V (DC + peak AC) or 600Vrms	±1400V (DC + peak AC) or 1000Vrms
– Absolute max. Voltage (either inputs to ground)	±700V (DC + peak AC) or 600Vrms CAT I	±1400V (DC + peak AC) or 600Vrms CAT II	±1400V (DC + peak AC) or 1000Vrms CAT II
<b>Output</b>			
– Swing	±7V (into 5kΩ load)	±7V (into 5kΩ load)	±7V (into 5kΩ load)
– Offset (typical)	<±2mV	<±1mV	<±1mV
– Noise (typical)	0,7mVrms	0,3mVrms	0,3mVrms
– Source Impedance (typical)	50Ω	50Ω	50Ω
<b>CMRR (typical)</b>	-95dB @ 60Hz, -60dB @ 1MHz	-90dB @ 60Hz, -55dB @ 1MHz	-85dB @ 60Hz, -50dB @ 1MHz

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

Power requirements (optional): removeable battery pack (4 x AA Cells)  
or Mains Adaptor 6VDC/90mA or regulated 9VDC/70mA

Dimensions: (L x W x H) 111mm x 22mm x 14mm

Length: BNC Cable 125cm - Input Leads 50cm

**Hardcase included**

Weight: 300g

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