WARNING!

Do not attempt to dismantle the probe while it is connected to a voltage source.

Maintenance:
The probe body can be detached from the cable assembly by unplugging the push fit BNC connector from the probe body. This permits replacement of the cable or body assembly should either part become damaged. The probe tip is also replaceable. To replace a broken tip, hold the black insulating part of the tip with pliers and pull it away from the probe body. Replace with a new tip taking care to align with the inner contact.

B&K PRECISION

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PR-100A_Inst A

INSTRUCTION FOLDER

B&K PRECISION

PR-100A

DELUXE 100:1 PROBE
250MHz x100 Fixed

B&K PRECISION

Oscilloscope Probe Kit

PR-100A

Specification

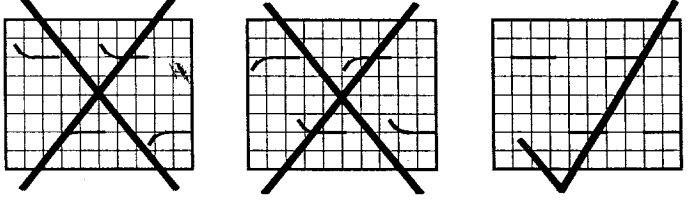
100 X Attenuation

Attenuation ratio	100:1
Bandwidth	DC to 250MHz
Rise Time	1.8 nS
Compensation Range	10 to 35 pF
Input resistance	100MΩ (probe resistance 99MΩ ±1%)
Input capacitance	6.5 pF
Max. input voltage	1200 VDC inc. peak AC derating with frequency. (see Fig. 1) IEC Cat. I

Working Temperature: 0° to + 70° C
Cable Length: 1.2M

Probe Compensation

The following adjustment is required whenever the probe is transferred from one oscilloscope or input channel to another. Connect the probe to the oscilloscope and select 10x position on the probe switch. Apply a 1Khz square wave signal to the probe tip and adjust the oscilloscope controls to display a few cycles of the wave-form with an amplitude of approximately 5 divisions; adjust the compensating trimmer to obtain a flat topped square wave.



Voltage Derating Curve

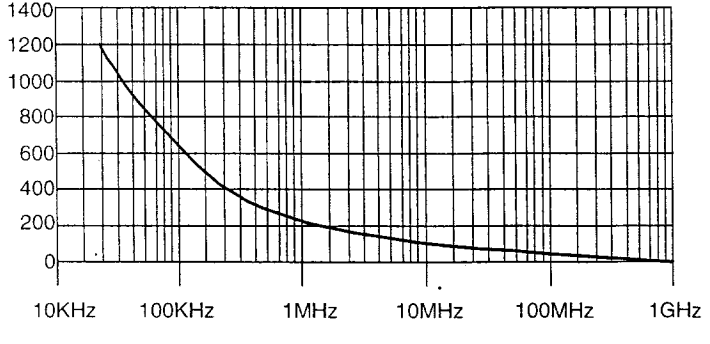


Fig 1.