

The PSB probe support may be used to position a SENIS Hall probe in an air gap and/or to protect the probe from mechanical damage. The probe is assembled between two prongs of a fork made of epoxy laminate FR4. This is a material with good dimensional stability and mechanical solidity. The cross-section of the assembly is 2mm x 12mm. If needed for a re-calibration of the transducer, the probe may be disassembled from and re-assembled into the support structure.

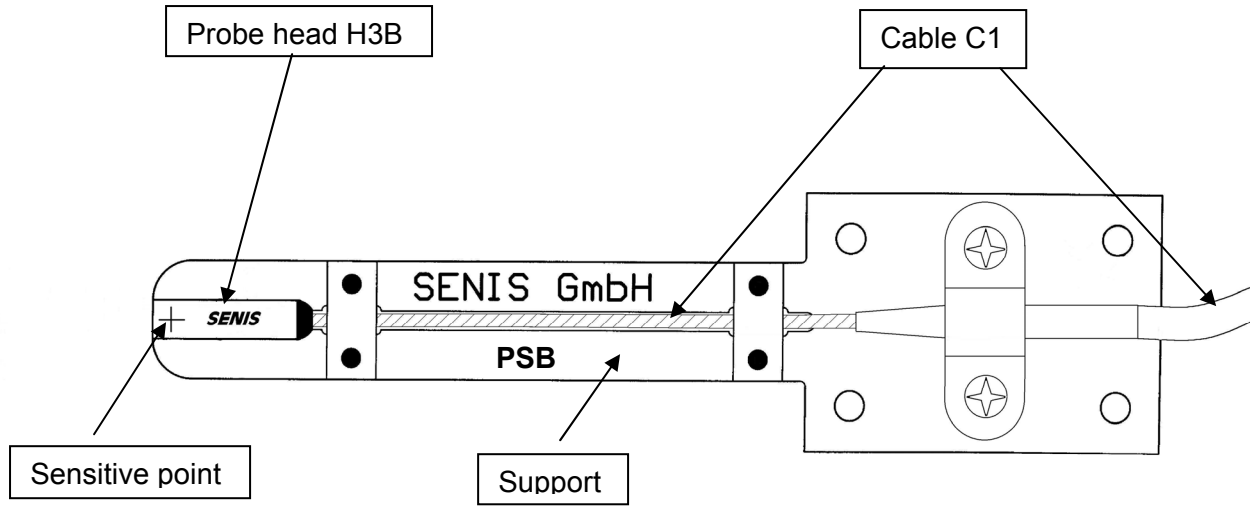


Figure 1: The assembled PSB probe support.

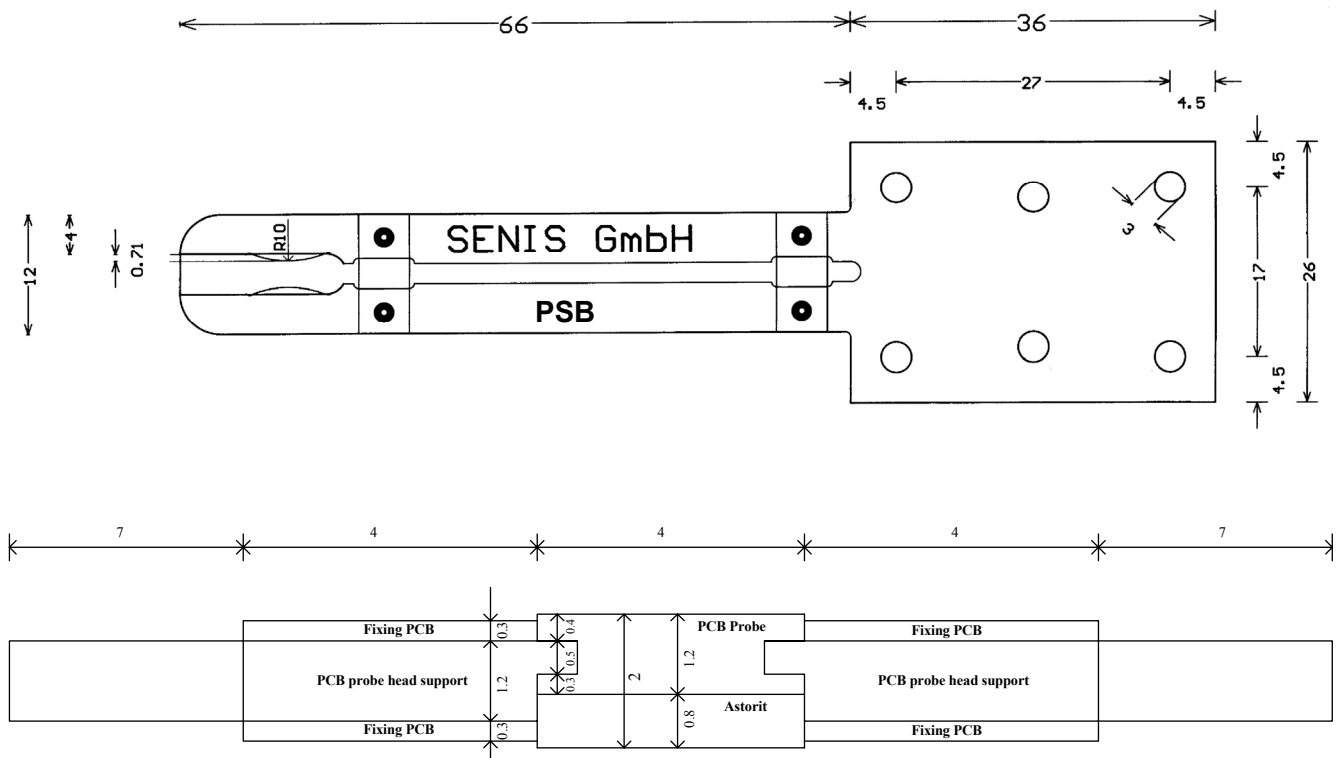


Figure 2: Dimensions of the PSB probe head support (a – Top view, b – Front view). All dimensions are in millimeters.