

The PHS-B 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.

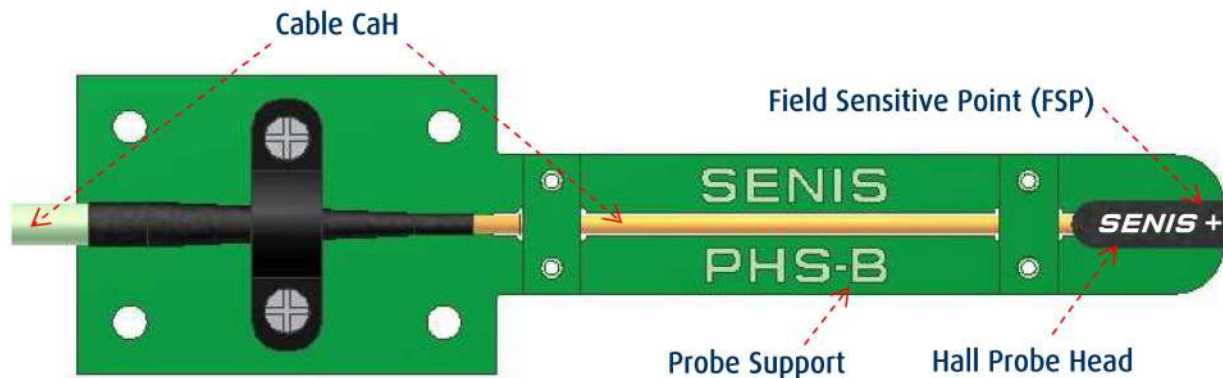


Figure 1: The PHS-B probe support with the SENIS' Hall Probe 03B fitted in

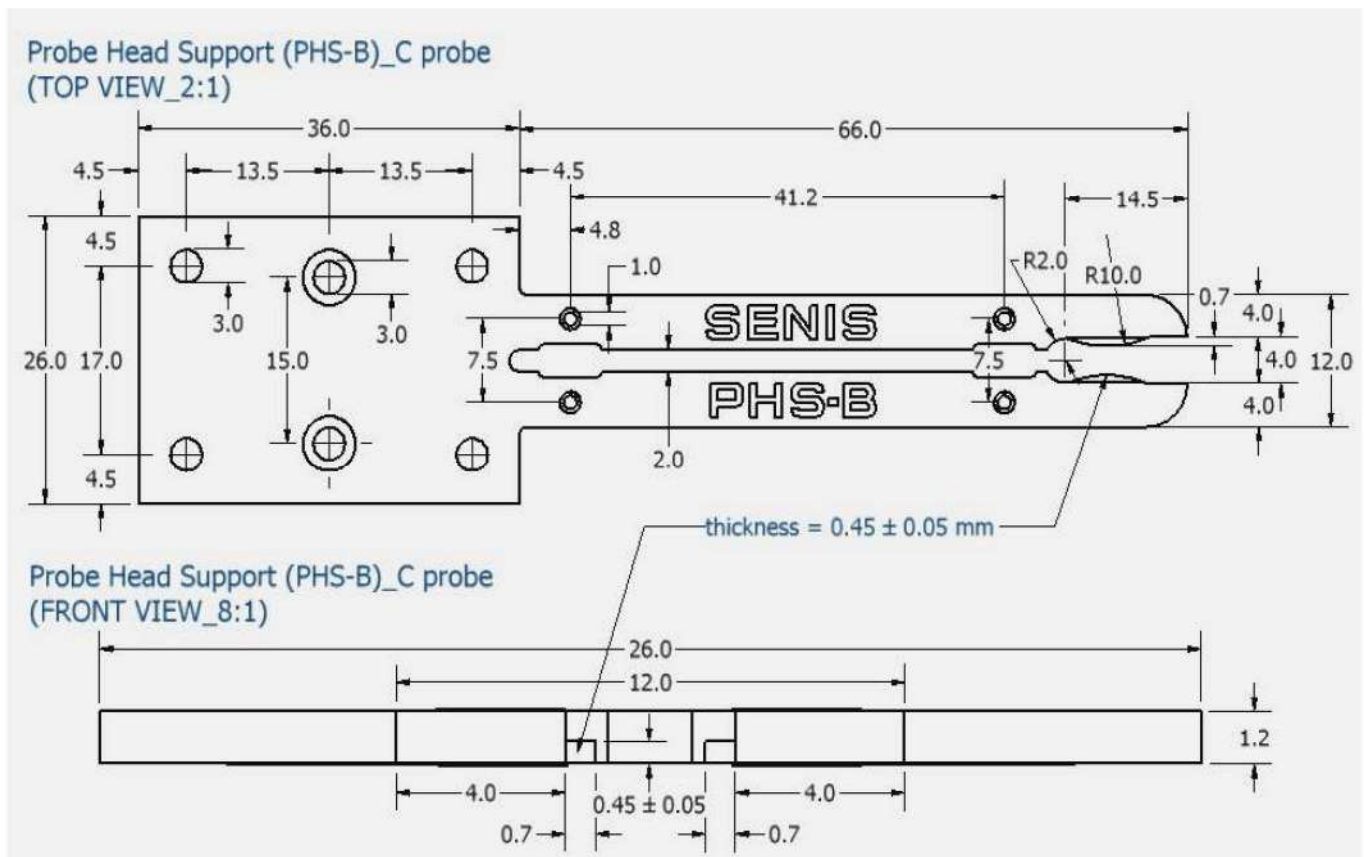


Figure 2: Dimensions of the PHS-B probe head support (Top & Front view). All dimensions are expressed in millimeters. For tolerances assume $\pm 0.1\text{mm}$.