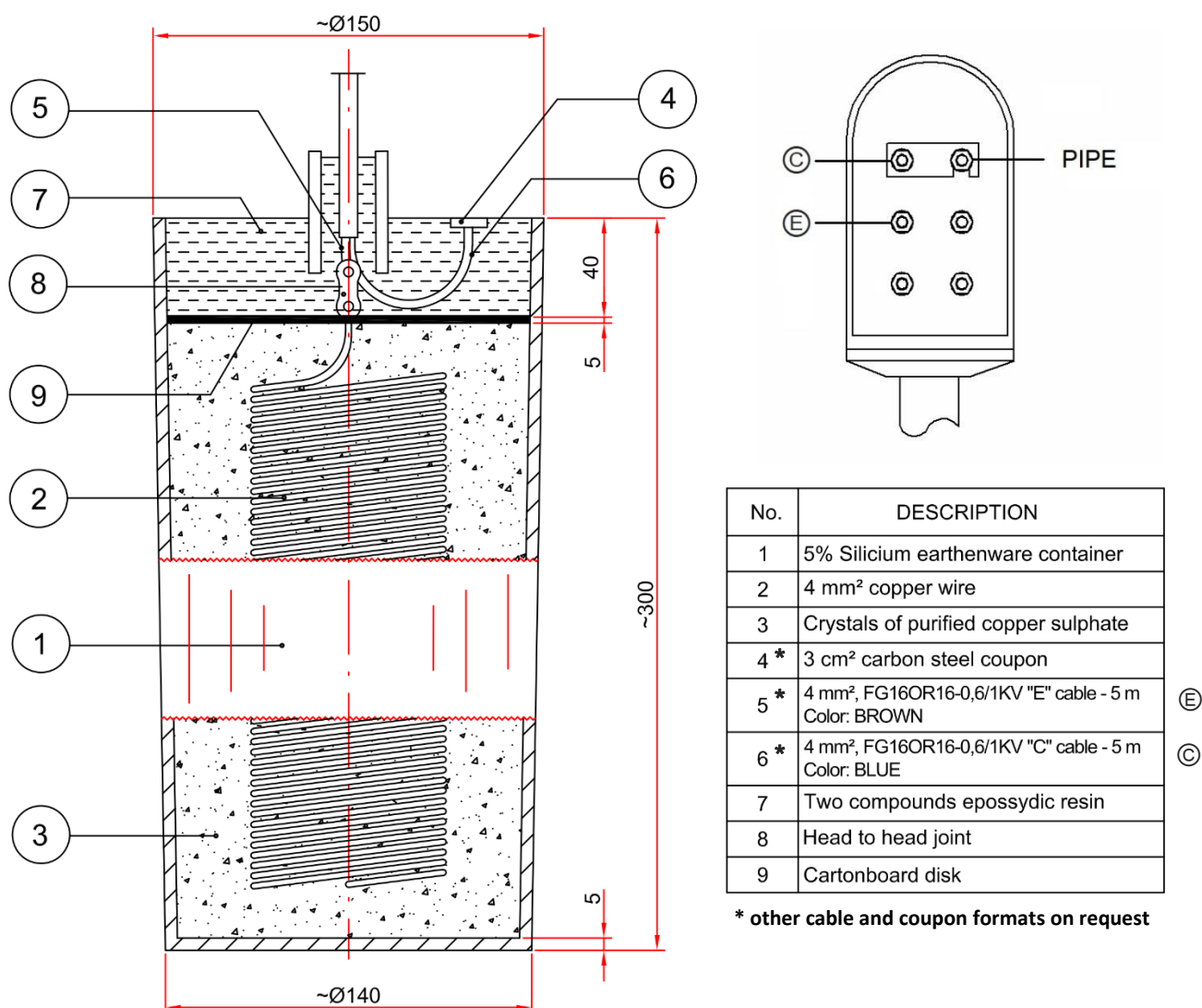


Permanent Reference Electrode with Coupon "Polarization Probe" – Cu-CuSO₄

In stray current environment, the cathodically protected pipe-to-electrode Potential Difference measurement relative to the Cu-CuSO₄ electrode includes two terms, R·I and R·I_{cv}, corresponding to the voltage drop between the electrode and the holiday, which alter the measured value.

The use of the "polarization probe" (ref. electrode with built-in metal plate, also known as coupon), minimizing the distance between the electrode and the "simulated" holiday, eliminates the above terms from the measured value.



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