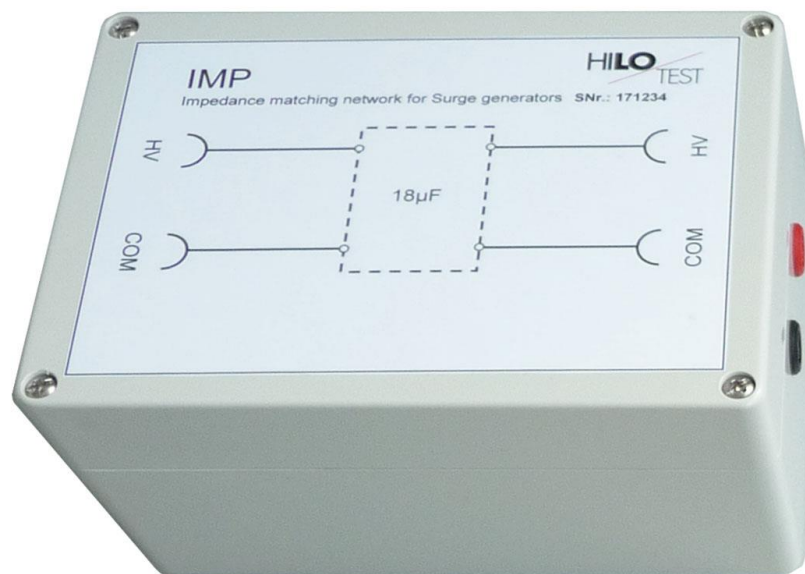


IMP8

Impedance matching network for Surge generators



According to
IEC 61000-4-5

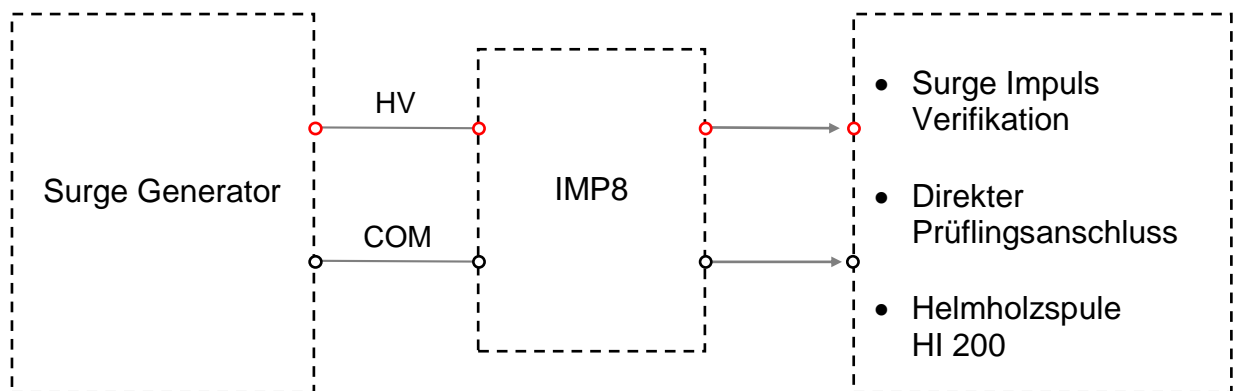
General:

The external impedance IMP8 is the impedance, required for the pulse specifications according to standard IEC 61000-4-5 Ed.3, for measuring the pulse output voltage of surge generators.

The main purpose of the IMP8 is the verification of surge pulse at the direct output of the generator without the use of a coupling- decoupling network. Furthermore, the impedance is used for direct surge applications without a coupling network, such as the Helmholtz coil HI 200.

Operation:

The IMP8 is adapted between the direct output (HV - COM) of the surge generator and either the measuring device, the test object or another application such as the Helmholtz coil HI 200. The HV direct output of the generator is connected to the HV input of the impedance with a cable, and the COM connection is established with another cable.



Technical specification	IMP8
Impulse, Waveform	Surge impulse, 1,2/50 μ s
Impulse voltage, max.	8.000 V
Impulse current, max.	4.000 A
Coupling capacitance	18 μ F \pm 20%
Dimension, W x D x L	120 x 90 x 160 mm ³
Weight	1,30 kg
Accessories	
Cable	HV cable, 2 x 0.25 m, 1 x red, 1 x black