

P1202-2

ESD Magnetic Field Source



Short description

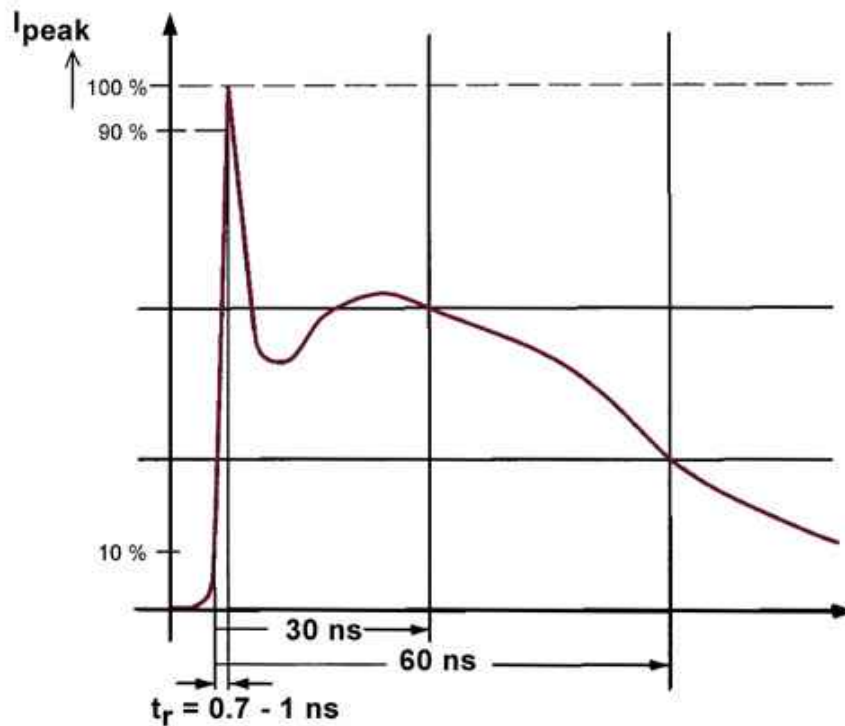
The P1202-2 field source generates an ESD magnetic field and is designed for a defined and reproducible ESD field coupling into ICs. The P1202-2 meets a standard ESD pulse form according to IEC 61000-4-2. The probe can only be operated in combination with the BPS 203 burst power station.

The BPS 203 provides high voltage and the control signals for the probe. The operation is carried out via a PC operating surface.

Technical parameters

Generated magnetic flux density B (h=10mm)	$U_{GEN} \cdot 0.27 \cdot 10E-6 \text{ Vs/m}^2$
Pulse parameter	
Max. current	$\pm 360 \text{ A}$
Shape	0.7 / 60 ns
Frequency	0.1 Hz - 10 Hz
Voltage	$\pm (0.1 \dots 9.5) \text{ kV}$
Ammeter /current probe	
Measurement output	50 Ω , SMB
Shunt	0.1 Ω
Current correction factor R	-26 dB Ω
Connector - input	50 Ω Fischer (D103A023)
Sizes (L x W x H)	(180 x 96 x 96) mm

Pulse shape (standard)



Design, view 1

