

LE 1000/035

Analog power amplifier

Concept:

The power amplifier **LE 1000/035** is specially designed for the use with Piezocomposite Actuators or other capacitive loads at high frequencies.

Specials:

The power amplifier **LE 1000/035** has an idle bandwidth of **5000 Hz**. In conjunction with an output current of **350 mA** Piezocomposite Actuators and other capacitive loads can be driven at high frequencies.



Image: LE1000/035

Product highlights:

- High power for dynamic operations
- Output current 350 mA
- Noise $\approx 200 \text{ mV}_{pp}$

Application examples:

- High-frequency vibration excitation
- Modal analyses
- testing

LE 1000/035

Technical data

	unit	LE1000/035
output		
voltage	V	0... +1000
DC-offset range	V	0... +1000
gain	-	100
max. output current	mA	350
signal noise	mV _{pp}	≈200 (depends on the capacitance of the load)
plug	-	D-SUB 5W1
input		
voltage range	V	0... +10
plug	-	BNC
monitor output		
voltage range	V	0... +10
plug	-	BNC
voltage supply		
mains voltage	V AC	230 ±10% @50/60 Hz
fuse	-	4 A, medium time-lag
power switch	-	trigger switch/front panel
LED's	-	HV : the high voltage output is activated IL: automated switching off of the voltage output because of overheat or overload