

LE 150/100 EBW

Analog power amplifier with enhanced bandwidth (EBW)

Concept:

The power amplifier **LE 150/100 EBW** is specially designed for the use with Piezocomposite Actuators or other capacitive loads at highest frequencies.

Specials:

The power amplifier **LE 150/100 EBW** has an idle bandwidth of **70'000 Hz**. In conjunction with an output current of **1 A** Piezocomposite Actuators and other capacitive loads can be driven at highest frequencies.



Image: LE 150/100 EBW

Product highlights:

- Idle bandwidth 70'000 Hz
- Output current 1 A
- Noise $\approx 15 \text{ mV}_{pp}$

Application examples:

- High-frequency vibration excitation
- Modal analyses
- Testing

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Technical data

	unit	LE 150/100 EBW
output		
voltage	V	0... +150
DC-offset range	V	0... +150
gain	-	max. 30
max. output current	A	1
signal noise	mV _{pp}	≈15 (depends on the capacitance of the load)
plug	-	BNC
input		
voltage range	V	0... +10
plug	-	BNC
monitor output		
voltage range	mV	0... +150
plug	-	BNC
voltage supply		
mains voltage	V AC	115/230 ±10% @50/60 Hz (factory preset)
fuse	-	4 A, medium time-lag
power switch	-	trigger switch/rear panel