

TECHNICAL PARAMETERS Amplifier BAA 1000-ET

Max. output power _{RMS}	1200 VA
Frequency range	DC - 20 kHz
Voltage _{RMS} , max.	72 V
Current _{RMS} , max.	18 A
Signal input voltage _{RMS}	< 5 V
Distortion	< 0.1 %
Signal to noise ratio	> 90 dB
Field power supply (FPS)	yes (external)
Field voltage, max.	70 V
Field current, max.	3.2 A
Weight (Amplifier+FPS+TMC)	61 kg
Dimensions (Amplifier+FPS+TMC) (WxHxD)	483 x 370 x 585 mm
Power supply (Amplifier)	1~ / N / PE 230 V±5% 50 Hz, CEE 7/7
Power supply (FPS)	1~ / N / PE 230 V±5% 50 Hz, CEE 7/7
Recommended fuse protection	each 16 A slow
Max. power consumption at 230 V (Amplifier)	1.4 kVA
Max. power consumption at 230 V (FPS+Blower)	2.5 kVA
(at operation with vibration test system TV 5220/LS-120)	
Interlocks:	Overload, temperature, clipping and more

Features:

- TIRA analog amplifiers can be adapted to all permanent magnet driven shakers on the market
- High Signal to noise ratio of >90 dB
- Low distortion factor of < 0.1 %
- Backgroundlit multifunctional display
- Safety management system monitors functions as temperature, overcurrent and overtravel
- Selectable mains voltage range (Adjustment 100 V, 120 V or 230 V factory preset)
- Operation switchable in current or voltage mode
- Adjustable current limit
- Phasing between input- and output signal turnable
- Electronic zero-point regulation with adjustable stiffness (TIRA Middle Control=TMC)
- Power cable length 1.5 m with CEE 7/7 connector

