

SVR 350 bip

Bipolar voltage amplifier

Concept:

The bipolar voltage amplifiers of the series **SVR 350 bip** generate a symmetric bipolar voltage. The output voltage can be adjusted manual or via an external signal source.

Specials:

Due to the bipolar generation of the voltage the amplifiers are particularly suited to control shear and bimorph elements as well as other applications with symmetric voltage generation.

Mounting:

The amplifiers of the series **SVR 350 bip** comes as single or three channel version.



Image: SVR 350/3 bip and SVR 350/1 bip

Product highlights:

- Symmetric bipolar voltage generation
- Low noise
- Max. output current 12 mA

Application examples:

- Bimorph elements
- Sheer actuators
- Symmetric voltage generation

SVR 350 bip

Technical data

| | unit | SVR 350/1 bip | SVR 350/3 bip |
|------------------------|------------------|--|----------------------|
| output | | | |
| voltage | V | ±350 | |
| DC-offset range | V | ±350 | |
| gain | - | 70 | |
| max. output current | mA | 12 | |
| signal noise | mV _{pp} | ≈1 (with capacitive loads ≥100 nF) | |
| plug | - | D-Sub 5W1 | |
| input | | | |
| voltage range | V | ±5 | |
| input resistance | kΩ | 10 | |
| plug | - | BNC | |
| monitor output | | | |
| voltage range | mV | ±350 | |
| plug | - | BNC | |
| voltage supply | | | |
| mains voltage | V AC | 230/115 ±10% @50/60 Hz (preset from factory) | |
| power switch | - | trigger switch (rear side) | |
| fuse | - | 0.8 @230/115 V (slow blow) | |
| dimensions (w x d x h) | mm/" | 210x250x90/8.3x10x3.5 | 225x330x160/9x13x6.3 |
| weight | kg/lbs | 2.8/6.2 | 4.8/10.6 |