

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 sheer 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	V	±3.5	
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/"	210 x 250 x 90/8.3 x 10 x 3.5	225 x 330 x 160/9 x 13 x 6.3
weight	kg/lbs	2.8/6.2	4.8/10.6