

## PSM - INPUT LIMITER (PSMIL)

### Features

- Signal conditioner with hard limiting action
- 3 input channels
- Suitable for CPSHRx-S, CTTPSx-S, CHPS-S-COE



### Description / Applications

Input Limiter for the Piezo Scanning Module (PSM). Input voltages will be limited to a projected PSM output voltage of -20[V] to +130[V]. Each input channel is equipped with a hard limiter which will introduce a maximum limiter overshoot of | 0.4[V] | on the PSM output.

### Specifications

specs	unit	min	typ	max
Limiting Style	-	Discontinuous		
Input Voltage	V	-10	-	10
Output Voltage*	V	-1,33	-	8,66
Output Noise	$\mu$ Vrms	-	-	300
Large Signal Bandwidth (-3dB) within limit range (10Vpp)	kHz	0	-	65
Optimized for large signal frequencies with limiting action	kHz	0	-	5
Non-linearity within limit range	%	-	-	0,2
Input Impedance	kOhm	-	100	-
Power supply via	-	100-240VAC Wall adapter		
Power dissipation	W	-	1,5	-
Stabilisation Time after power on	s	-	-	5
Mass	grams	310		
Dimensions (LxHxD)	mm	108,5 x 30 x 80,5		
For use with	-	PSM		
* when connected to a PSM this translates to a PSM output voltage range of -20[V] to +130[V]				

### Mechanical and electrical information

Download 3D-Step files, interface drawings and user manuals from:  
[www.jpe.nl/cryo-nano-positioning/](http://www.jpe.nl/cryo-nano-positioning/)

### Contact

For quotations, orders, customization or specials, please contact us at:  
[www.jpe.nl/contact](http://www.jpe.nl/contact)

### Ordering Information

PSMIL

PSM Input Limiter

