



# Voltage Filter/Amplifier Selection Chart

Card	28608B	28618	28612
<b>Type</b>	AC/DC Voltage	AC/DC Voltage	AC/DC Voltage
<b>Channels/Card</b>	8	8	2
<b>Applicable Transducer</b>	Low-level AC or DC amps and LP, BP, and HP filtering	Low-level AC or DC amps and LP, BP, and HP filtering	Low-level AC or DC amps and LP, BP, and HP filtering
<b>Interface</b>	2-wire w/ shield	2-wire w/ shield	2-wire w/ shield
<b>Bandwidth</b>	500 kHz	190 kHz	3.15 MHz
<b>Gain</b>	x1/16 to x8192 w/ 0.05% resolution	x1/16 to x1024 w/ 0.05% resolution	x1, x2, x5, x10, x20, x50, x100, x200, x500, x1000
<b>Filter</b>	4-Pole Flat/Pulse Low-Pass; 8-Pole Flat/Pulse Low-Pass or 8-Pole Band-Pass	4-Pole Flat/Pulse Low-Pass	6-Pole Flat/Pulse Low-Pass
<b>Cutoff Frequencies</b>	Flat: 2 Hz to 204.6 kHz Pulse: 1 Hz to 102.3 kHz	FX02: 300 Hz, 1 kHz, 3 kHz, 10 kHz, 30 kHz	5 Hz to 3.15 MHz
<b>Outputs</b>	Single-ended (SE) w/ ground sense	Single-ended (SE) w/ ground sense	Single-ended (SE)