

Analog Input Modules

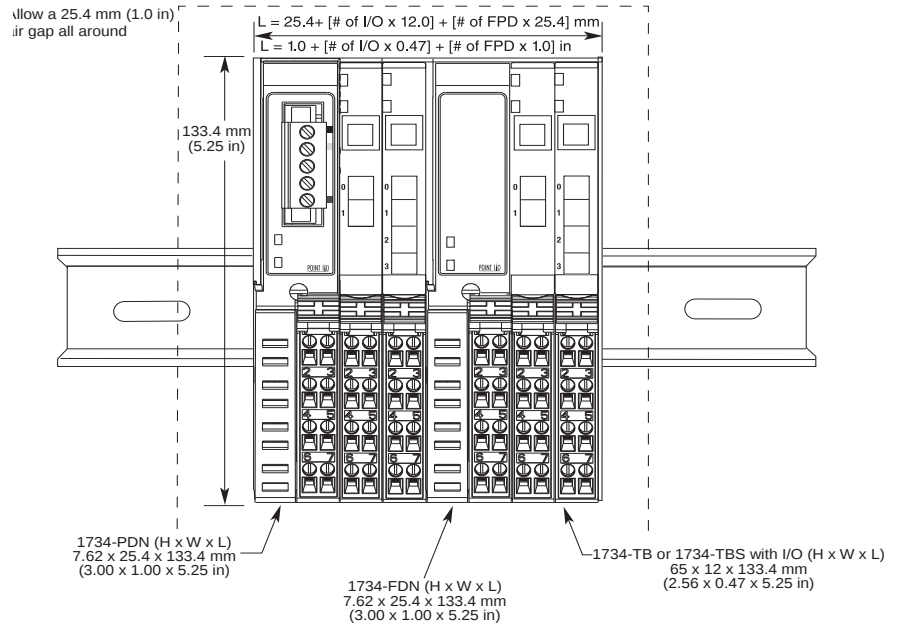
1734 Analog Input Modules Technical Specifications

	1734-IE2C	1734-IE2V	1734-IE4C	1734-IE8C
Number of inputs	2		4	8
Input signal range	4...20 mA 0...20 mA	0...10V ±10V	4...20 mA 0...20 mA	4...20 mA 0...20 mA
Input resolution	16 bits - over 21 mA 0.32 µA/cnt	15 bits plus sign 320 µV/cnt in unipolar or bipolar mode	16 bits - 0...21 mA 0.32 µA/cnt	
Data format	Signed integer			
Accuracy	Current Input: 0.1% Full Scale @ 25 °C ⁽¹⁾	Voltage Input: 0.1% Full Scale @ 25 °C ⁽¹⁾	Current Input: 0.1% Full Scale @ 25 °C ⁽¹⁾	
Accuracy drift w/temp.	Current Input: 30 ppm/°C	5 ppm/°C	30 ppm/°C	
Step response, per channel	70 ms @ Notch = 60 Hz (default) 80 ms @ Notch = 50 Hz 16 ms @ Notch = 250 Hz 8 ms @ Notch = 500 Hz		50 ms @ Notch = 60 Hz (default) 60 ms @ Notch = 50 Hz 30 ms @ Notch = 100 Hz 25 ms @ Notch = 120 Hz 15 ms @ Notch = 200 Hz 12.5 ms @ Notch = 240 Hz 10 ms @ Notch = 300 Hz 7.5 ms @ Notch = 400 Hz 6.25 ms @ Notch = 480 Hz	
Input conversion type	Delta Sigma		Sigma Delta	
POINTBus current	75 mA @ 5V DC			
Power dissipation, max	0.6 W @ 28.8V DC	0.75 W @ 28.8V DC	0.6 W @ 28.8V DC	
Thermal dissipation, max	2.0 BTU/hr @ 28.8V DC	2.5 BTU/hr @ 28.8V DC	2.0 BTU/hr @ 28.8V DC	
Keyswitch position	3			
Terminal base unit	1734-TB, 1734-TBS, 1734-TOP, or 1734-TOPS			

⁽¹⁾ Includes offset, gain, non-linearity and repeatability error terms.

Approximate Mounting Dimensions

POINT I/O with 1734-PDN Mounting Dimensions



IMPORTANT

When mounting the 1734-IB8S, 1734-OB8S, and 1734-IE4S modules, ensure that there is 2 in. of clearance space above the POINT rail.