

Module Selection

Input	Model No.	Description	Sample Rate	Resolution	Bandwidth	Number of Channels	Isolation	Maximum Input Voltage (DC+ACpeak)	DC Accuracy	Note
Analog Voltage	720210	High-speed 100 MS/s 12-Bit Isolation Module (2 ch)	100 MS/s	12-Bit	20 MHz	2	Isolated	1000 V ^{*1} 200 V ^{*2}	±0.5%	SL1000 exclusive use NEW
	701250 ^{*4}	High-speed 10 MS/s 12-Bit Isolation Module (2 ch)	10 MS/s	12-Bit	3 MHz	2	Isolated	600 V ^{*1} 250 V ^{*2}	±0.5%	high noise immunity
	701251	High-speed 1 MS/s 16-Bit Isolation Module (2 ch)	1 MS/s	16-Bit	300 kHz	2	Isolated	600 V ^{*1} 140 V ^{*2}	±0.25%	High sensitivity range (10 mV), low noise (±100 µVtyp), and high noise immunity
	701255 ^{*4}	High-speed 10 MS/s 12-Bit non-Isolation Module (2 ch)	10 MS/s	12-Bit	3 MHz	2	Non-isolated	600 V ^{*3} 250 V ^{*2}	±0.5%	non-isolation version of model 701250
	701260	High-voltage 100 kS/s 16-Bit Isolation Module (with RMS, 2 ch)	100 kS/s	16-Bit	40 kHz	2	Isolated	1000 V ^{*1} 850 V ^{*2}	±0.25%	with RMS, and high noise immunity
Temperature	701261	Universal Module (2 ch)	100 kS/s (Voltage), 500 S/s (Temperature)	16-Bit (Voltage), 0.1°C (Temperature)	40 kHz (Voltage), 100 Hz (Temperature)	2	Isolated	42 V	±0.25% (Voltage)	thermocouple (K, E, J, T, L, U, N, R, S, B, W, iron-doped gold/chromel)
	701262	Universal Module (with Anti-Aliasing Filter, 2 ch)	100 kS/s (Voltage), 500 S/s (Temperature)	16-Bit (Voltage), 0.1°C (Temperature)	40 kHz (Voltage), 100 Hz (Temperature)	2	Isolated	42 V	±0.25% (Voltage)	thermocouple (K, E, J, T, L, U, N, R, S, B, W, iron-doped gold/chromel), with AAF
	701265	Temperature/high-precision voltage Module (2 ch)	500 S/s (Voltage), 500 S/s (Temperature)	16-Bit (Voltage), 0.1°C (Temperature)	100 Hz	2	Isolated	42 V	±0.08% (Voltage)	thermocouple (K, E, J, T, L, U, N, R, S, B, W, iron-doped gold/chromel), high sensitivity range (1 mV), and low noise (±4 µVtyp)
Acceleration	701275	Acceleration / Voltage Module (with Anti-Aliasing Filter, 2 ch)	100 kS/s	16-Bit	40 kHz	2	Isolated	42 V	±0.25% (Voltage) ±0.5% (Acceleration)	built-in anti-aliasing filter, Supports built-in amp type acceleration sensors (4 mA/22 V)
Strain	701270	Strain module (NDIS, 2 ch)	100 kS/s	16-Bit	20 kHz	2	Isolated	10 V	±0.5% (Strain)	Supports strain NDIS, 2,5, 10 V built-in bridge power supply
	701271	Strain module (DSUB, Shunt-CAL, 2 ch)	100 kS/s	16-Bit	20 kHz	2	Isolated	10 V	±0.5% (Strain)	Supports strain DSUB, 2,5, 10 V built-in bridge power supply, and shunt CAL
Frequency	701280	Frequency Module (2 ch)	25 kS/s	16-Bit	resolution 50 ns	2	Isolated	420 V ^{*1} 42 V ^{*2}	±0.1% (Frequency)	Measurement frequency of 0.01 Hz to 200 kHz, Measured parameters (frequency, rpm, period, duty, power supply frequency, distance, speed)

* Probes are not included with any modules.

*1: In combination with 10:1 probe (for isolated BNC input) model 700929

*2: Direct input

*3: In combination with 10:1 probe (for isolated BNC input) model 701940

*4: Some of the models 701250/701255 shipped on or before July, 2007 may require factory rework.