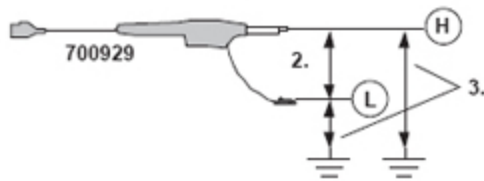


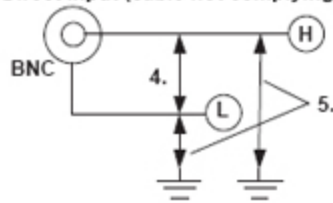
Item	Specifications
Standard operating conditions	Temperature: 23° C±5° C Humidity: 55%±10% RH After a 30-minute warm-up and after calibration
Effective measurement range	Twice of setting range
Number of input channels	2
Input coupling	AC, DC, and GND
Maximum sample rate	100 MS/s
Input format	Isolated unbalanced
Frequency characteristics ¹	(-3 dB point when sine wave of amplitude 60 % of range is input) DC to 20 MHz
Voltage-axis range setting	50 mV to 200 V range (1-2-5 steps)
Maximum input voltage (at a frequency of 1 kHz or less)	Combined with the 700929(10:1) ² 1000 V (DC+ACpeak) CATII Direct input or cable not complying with the safety standard ⁴ 200 V (DC+ACpeak)
Maximum allowable common mode voltage (at a frequency of 1 kHz or less)	Working voltage of safety standard Combined with the 700929 (10:1) ³ 1000 Vrms (CAT II) Direct input or cable not complying with the safety standard ⁵ 42 V (DC+ACpeak) (CAT I and CAT II, 30 Vrms)
Vertical (voltage) axis accuracy DC accuracy ¹	100mV to 200 V range: ±(0.5% of range)
Input connector	BNC connector (isolated type)
Input impedance	1 MΩ ± 1%, approx. 35 pF
-3 dB point when AC coupled low frequency attenuation point	10 Hz or less (1 Hz or less when using the 700929)
Common mode rejection ratio	80 dB (50/60 Hz) or more (typical ⁶)
Residual noise level (Input section shorted)	±1.1 mV or ±1.5% of range whichever is greater (Typical ⁶)
Withstand voltage	1500 Vrms for 1 minute (across each terminal and earth) (60 Hz)
Insulation resistance	500 VDC, 10 MΩ or more (across each input terminal and earth)
A/D conversion resolution	12 bit (1500 LSB/range)
Temperature coefficient	Zero point: 100 mV to 200 V range: ±(0.1% of range)/° C(Typical ⁶) Gain: ±(0.05% of range)/° C(Typical ⁶)
Bandwidth limit	Select from OFF, 2 MHz, 1.28 MHz, 640 kHz, 320 kHz, 160 kHz, 80 kHz, , 40 kHz, 20 kHz, and 10 kHz Cut-off characteristics: -12 dB/OCT (when 2 MHz, Typical ⁶)
Probe attenuation setting	Voltage probe: 1:1, 10:1, 100:1, 1000:1 Current probe: 10 A:1 V (for the 700937/701933), 100 A: 1 V (for the 701930/701931)

1 Value measured under standard operating conditions.

Combined with the 700929



Direct input (cable not complying with the safety standard)



Withstand voltage: 1500 Vrms for 1 minute

Allowable transient surge voltage (between earth and input): 2100 Vpeak

6 Typical value represents a typical or average value. It is not strictly warranted.