

Model

AX-325N

High Speed Type,
1kHz Digital Capacitance Checker

High-speed type with a built-in BCD parallel output



- Measuring range: 10pF~9.9 μF/±99.9%
- 3-terminal measurement method
- BCD parallel output
- External DC bias possible (max. DC25V)
- Percentage measurement compared with the setup standard value by digital switch (3 digit)
- Comparison result by built-in comparator is open-collector output and displayed as LO, GO, HI by LED and buzzer

Specifications

Measuring range and Accuracy (at23°C±5°C) *D<0.5 parallel equivalent circuit

Range	Measuring range	Measuring voltage	Accuracy
0	10pF~ 99pF	about 1V (r.m.s.)	within ±0.25%rdg±0.25pF±1 digit
1	100pF~ 990pF		
2	1nF~ 9.9nF		
3	10nF~ 99nF		
4	100nF~ 990nF		
5	1 μF~9.9 μF		

Test signal	within 1kHz ±0.1%, SINE wave
C offset range	about 10pF
Decision time + measurement	[Remote start mode] about 10msec.
Sampling time	[Free running mode] 50 times/sec.
Measured value display range	±99.9%
External bias	max.DC25V
Comparator set range	upper limit: +0.0%~ +99.9%
	lower limit: -0.0%~ -99.9%
Indication of comparator's comparison result	LED indication -NG, GO, +NG and buzzer
Control signal	Measurement start signal: "L" [OV] → "H" [DC12V] start
	Remote hold input: Open and "H" [DC12V] : Free run/"L" [OV] : Hold
	comparison output [-NG/GO/+NG] : open collector: max.50V, 100mA
	end of comparison output [EOC] : open collector: max.50V, 100mA
	BCD parallel output of measured value [BCD] : fan out 2
	Printing command signal: fan out 2
Operation condition	[Temp.] +5°C~ +40°C [Humidity] less than 85%
Power supply	AC100V~240V selectable, 50/60Hz, about 20VA
Outer dimension	about 260(W)×90(H)×250(D)mm (excluding protruding parts such as rubber legs, etc.)
Weight	about 2.6kg

Option