

Specifications

Model No.		LCCU21N100	LCCU21N200	LCCU21N500	LCCU21KN001
Rated capacities		100N (10.20kg)	200N (20.39kg)	500N (50.99kg)	1kN (102.0kg)
Rated output		100.00 ± 0.50 (0.5%)	200.00 ± 1.00 (0.5%)	500.00 ± 2.50 (0.5%)	1000.0 ± 5.0 (0.5%)
Combined error		0.5% of R.O.			
Power	Supply voltage	DC5V (USB bus power)			
	Average current consumption *1	Less than 50mA			
Zero balance		±2% of R.O.			
Temperature effect on zero		0.6% of R.O. / 10°C			
Temperature effect on span		0.6% of LOAD / 10°C			
Compensated temperature range		0°C to 70°C			
Permissible temperature range		-10°C to 80°C			
Maximum safe overload		150% of R.C.			
A/D conversion rate		100 times / s			
Digital filter		Select from None, 0.7, 1.0, 1.4, 2.0, 2.8, 4.0, 5.6, 8.0, 11.0 Hz (default value: 1.0Hz)			
Resonance frequency *1, *2		45kHz	55kHz	30kHz	35kHz
Cables		From load cell to case: ø2mm, 2m length		USB cable (accessory): ø4mm, 1.5m length	
Dustproof / waterproof *1, *2		IP64 compliant			
Weight *3		Approx. 50g		Approx. 55g	
Communications standard		Conformant to USB Ver. 2.0 Full Speed			
USB connector		Micro-B type			
Communication settings	Baud rate	38400 bps			
	Character bit length	8 bit			
	Parity	Even			
	Stop bit length	1 bit			
	Terminator	CR LF			
	Code	ASCII			

*1: Reference value *2: Load cell only *3: Main unit (load cell, cable, plastic case)

Software for measurement

By using the "WinCT-DLC" software for measurement, the measurement data can be easily confirmed on a computer. "WinCT-DLC" can be downloaded from A&D's website (<http://www.aandd.jp>).



Main unit (load cell, cable and plastic case)
Mounting holder, USB cable

External dimensions Unit: mm

(Number) : Reference value.

Model No.	A	B	C	D	E	F	G	H	I	J
LCCU21N100	ø10	18	4	3.6	1.6	SR3	16	8	28	20
LCCU21N200										
LCCU21N500	ø16	24	7	6	3	SR6	22	14	32	24
LCCU21KN001										

Thickness=1.5 Stainless steel

Appearance and/or specifications subject to change for improvement without notice.

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