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TECHNOLOGY GROUP

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Find the *Sony LT11-201C* at our website: *Click HERE*

LT

LT11A SERIES

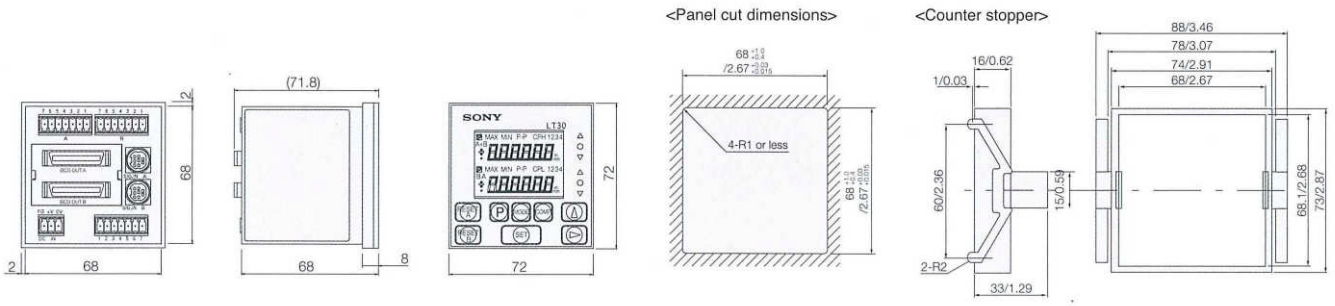
Compact, lighweight,
and easy-to-mount counter.



- Compact size : DIN standard (72 mm x 72mm / 2.83" x 2.83" W x H)
- Resolution: 1, 5, 10 µm Selectable
- Suitable for panel mounting
- Direct interfacing from display unit to PLC or computer
- Current values, maximum, minimum, peak-to-peak values and GO/NO GO evaluation included as standard functions.
- ADD/SUB function (2-channel model)
- Full lineup for various applications

Digital Indicators

Dimensions



Unit : mm/inch

Common Specifications

Model		LT11A-101	101B	101C	201	201B	201C
Display		5 digit backlit LCD, mode display					
I/O	Measuring unit input	1 channel			2 channel		
	I/O connectors *1	○					
	BCD *2	—	○	—	—	○	—
	RS-232C *3	—		○	—		○
	RS-TRG *4	—		○	—		○
Reset function		Reset key or external input (I/O connectors)					
		—	BCD terminal	RS-232C command	—	BCD terminal	RS-232C command
Preset function		Preset value set with preset key, recalled with reset key.					
		—	Recalled with BCD reset terminal	Set or recalled with RS-232C command	—	Recalled with BCD reset terminal	Set or recalled with RS-232C command
Conparetor function		Three-level comparator Comparator value set with keys on the front panel. Result evaluation: LED and I/O connector output (photocoupler)					
		—	Up to 4 values can be set for comparator (key input). Switched with BCD terminal.	Set with RS-232C command	—	Up to 4 values can be set for comparator (key input). Switched with BCD terminal.	Set with RS-232C command
Peak hold function		Maximum, minimum, and peak-to-peak values. Measuring started by the start input of the I/O connector; update stop by pause input.					
		—	Can be started with the BCD terminal.	RS-232C can set or start.	—	Can be started with the BCD terminal.	RS-232C can set or start.
Resolution		0.001 mm, 0.005 mm, 0.01 mm selectable (0.001 mm (0.0001") is LT11A series only.)					
Direction		Can be switched					
Maximum response speed		100 m/min			80 m/min		
Addition and subtraction function		—			A+B, A−B, B−A can be set with the direction setting.		
Alarm		Displayed on LCD or the I/O connector's comparator outputs are all "H" (OFF).					
		—	BCD alarm terminal "H" (OFF)	—	—	BCD alarm terminal "H" (OFF)	—
Data storage		Resolution, direction, comparator value, preset value, modes, etc.					
		—	BCD sign	Data signalling rate, etc.	—	BCD sign	Data signalling rate, etc.
Temperature		Operating temperature: 0 to 40°C Storage temperature: −10 to 50°C					
Power consumption *5		1.8 W	2.9 W	2.0 W	2.3 W	4.0 W	2.5 W
Mass		Approx. 200 g	Approx. 230 g	Approx. 220 g	Approx. 210 g	Approx. 270 g	Approx. 230 g
Power voltage		Power input connector (3 pins) : DC9.0 to 26.4 V.					
Compatible measuring unit		DT series					

Note 1 : I/O connector
Input : Reset, peak-hold start, peak-hold pause, RS trigger (RS-232C models only)
Output : Result evaluation (photocoupler)

Note 2 : BCD (36 pin half-pitch connector)
Input : Reset, peak-hold start, comparator value selection (4 settings)
Output : five digits (open collector)One of current value/maximum value/minimum value/peak-to-peakvalue selected and output.
Alarm output

Note 3 : RS-232C (8 pin mini-DIN connector)
Reset, preset value setting/recall, peak-hold start, peak-hold pause,current value hold, software version read, comparator value setting, current value/maximum value/minimum value/peak-to-peak measuringmode selection and output, key lock and release.

Note 4 : RS-TRG pin
Trigger input for RS-232C data output

Note 5 : With measuring unit connected.

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