

🔳 SI	pecifica	tions						
Model		LR5N-B						
Input method		No-voltage input		Voltage input 1		1	Voltage input 2	
Input signal level		Short-residual voltage : Max. 0.5V Max. short-circuit impedance : Max. 10kΩ Max. open-circuit impedance		DC	: 4.5-30\	voltage range	Voltage: 30-240VAC $\sim$	
		: Min. 500kΩ		AC Voltage: 3-30VAC~		3-30VAC $\sim$		
Power		No-power [includes lithium battery (replaceable)]						
Battery life cycle		Over 3 years at 20°C (replaceable)						
Dispaly method Display digits		LCD Zero blanking method (character height:8.7mm) 4½ digit						
Display range and Display accuracy		Display range				Display accur	racy	
						1 to 5000RPM: F.S.±0.05%±1digit		
		RPM	1 to 10000RPM			5001 to 10000RPM: F.S.±0.1%±1digit		
		0.1RPM	0.1 to 1000.0RPI	to 1000.0RPM		F.S±0.05%±1digit		
		Hz	1 to 1000Hz					
		0.1Hz	0.1 to 100.0Hz			F.S±0.1%±1digit		
	function	RPS	1 to 1000RPS	notio	(n)			
HOLD function Insulation resistance		Includes (external HOLD function) Over 100MΩ (at 500VDC megger)						
	ric strength	2,000VAC 50/60Hz for 1 min (cutoff current=10mA)						
Vibra-	Mechanical	0.75mm amplitude at frequency of 10 to 55Hz (for 1min) in each X, Y, Z direction for 1 hour						
tion	Malfunction	0.3mm amplitude at frequency of 10 to 55Hz (for 1min) in each X, Y, Z direction for 10 min						
Shock	Mechanical	300m/s <sup>2</sup> (approx. 30G) in each X, Y, Z direction for 3 times						
SHOCK	Malfunction	100m/s <sup>2</sup> (approx. 10G) in each X, Y, Z direction for 3 times						
Envion-	Ambient temp.	-10 to 55°C, storage: -25 to 65°C						
ment	Ambient humi.		RH, storage: 35 t					
Protect		IP66 (when using waterproof rubber for front panel), Terminal cover (finger protector)						
Weight		Approx. 91.5g (approx. 59g) a packaging and the weight in parenthesis is only unit weight.						
			d at no freezing o				ignt.	
(1)Se (2)Sh	VRPS SET Hz SW 1 Termi bloc lect one among ift SW 1 to RES	k 2 g ×1, ×0.1, SET.	RPS by SW2.					
<u>≋Wher</u> <u>RPM</u> ○ Ope	Iect one again <u>display range</u> /RPS or Hz aga ration charts ng RPS and H	and unit ir ain. S	PM/RPS and Hz I front display pan	el do	o not confe	orm, move SW	V 1 to RESET and select RPM, 0.1Hz	
Signal 1	76.666	<u>fifififi</u>	<u> </u>	_	-			
ampling time	1 sec. Approx. 0 Upda 1 1 1 2 2 2	te	Approx. 0.04sec Update display value 3	-	Signal P1	P2 P3	1/T2)×60 Predictive	
Display	Display measuring	① of displa	IY 2 of display	-		(1/T1)×6		
value	value of previous sampling time	measuring val sampling tir	ue of measuring value ne sampling time	- 1	value		(1/T3)	
input	within setting t	ime, it disp	lays the value as to be supplied, dis	zero	forcibly).	If there is any	function(if there is no puls input signal within certain ntinuously.	
			le (Freque					
		, ,	•		,		rolution (RPS)= f	
Revolution measurement     AC frequency measurement								
IN2	LR5N-B (1 r		Generator or Tacho-generator (AC voltage output)				Measuring voltage	
L		ouise input p	er revolution)				M4Y Measuring frequency	
	R08-2DP	-					LR5N-B	
	play value and		<u>ب</u>				AC input voltage IN2: 3-30VAC	
Displa	ıy value Frequ	lency	Revolution				IN3: 30-240VAC	

Display unit Hz

0.1Hz

RPM

0.1RPM RPS (factory default)

