


Multi Pulse Meters

■ LP3 series LCD Multi Pulse Meters

■ Specifications

Model		LP3-5A5	LP3-5A3	LP3-5AN
Appearance				
WXHxD (mm)		96,0×48,0×71,1		
Power voltage		100 - 240 V a.c. 50/60 Hz		
Power consumption		Max. 15 VA	Max. 13 VA	Max. 10 VA
Display method		Negative LCD display		
Character size		PV value (14.5 mm), SV value (10 mm)		
Input frequency		Contactless (max. 50 KHz, ON/OFF pulse width 10 us min), contact (max. 30 Hz, ON/OFF pulse width min. 16.6 ms)		
Input type	Voltage	[H] level (4.5 - 24 V d.c.), [L] level (0 - 1 V d.c.), input impedance (4.5 kΩ)		
	Non-voltage	Impedance during short circuit (max. 300 Ω), residual voltage (1 V max), impedance during open (min. 100 kΩ)		
Measuring range		F1, F2, F10, F11, F12, F13 : 0.0005 ~ 50 KHz, F3, F4, F5, F6 : 0.001 s ~ 3200 s, F7, F8, F9 : 0 ~ 4x10 ⁹		
Measuring accuracy		F1, F4, F10, F11, F12, F13 : FS ±0.05 % rdg ±1 digit, F2, F3, F5, F6 : FS ±0.01 % rdg ±1 digit		
External power supply		12 V d.c., ±10 % 100 mA		
Display cycle		0.05 sec / 0.5 sec / 1 sec / 2 sec / 4 sec / 8 sec		
Display range		-99999 ~ 99999		
Power outage compensation		Approx. 10 years (applying non-volatile EEPROM)		
Control output		HH (SPST), H (SPST), GO (SPST), L (SPST), LL (SPST) * HH/H output COM common * LL/L output COM common	H (SPDT), GO (SPST), L (SPDT)	-
		NO contact (250 V a.c. 5 A resistive load), NC contact (250 V a.c. 2 A resistive load)		
Relay Life	Electrical	Min. 100 thousand times		
	Mechanical	Min. 10 million times (250 V a.c. 2A)		
Vibration resistance		10 - 55Hz double amplitude 0.75 mm X·Y·Z each direction 2 hours		
Insulation Resistance		Min. 100 MΩ (500 V d.c.), conductive terminal - unfilled metal		
Dielectric strength		2000 V a.c. at 60Hz for 1 min (different live part terminals)		
Noise immunity		±2000 V (pulse width 1 μs, apply square wave noise by noise simulator among power terminals)		
Degree of protection		IP66 (IEC 60529) (product front)		
Ambient temperature & humidity		-10 ~ 50 °C, 35 ~ 85 % RH (without condensation)		
Storage temperature		-20 ~ 60 °C		

■ Suffix code

Model	Code	Content
LP	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	LCD Multi Pulse Meter
Appearance	3	96(W) × 48(H) mm
Display digits	5	5-digit display
Power voltage	A	100 - 240 V a.c. 50 - 60Hz
Output specifications	N	Indication only
	3	3-stage setting (H/GO/L)
	5	5-stage setting (HH/H/GO/L/LL)