

Datasheet Rexotech Super Sine Generator ULD4

SINE(Typ)	CH1	CH2	CH3	CH4
Frequency Range:	60 Hz	1 kHz	10 kHz	20 kHz
Accuracy:	1% ±5Hz	1% ±20Hz	1% ±100Hz	1% ±100Hz
Typical:	60,5 Hz	997Hz	10,03 kHz	20,05 kHz
Total Hamonics Distortion (THD)(Typ)				
Into 10kΩ load	≤ 0,00005%	≤ 0,00005%	≤ 0,00005%	≤ 0,00009%
Into 600Ω load	≤ 0,00008%	≤ 0,00006%	≤ 0,00006%	≤ 0,00009%
[10kHz measurement with 20kHz pot turnt to min.]				
Crossover (0.7Vpp/10kHz), (0.2Vpp/20kHz)(Typ)	≤ -110dB			
Amplitude(Typ)				
Range (Hi-Z):	0,6Vpp - 9Vpp	0,6Vpp - 9Vpp	0,6Vpp - 9Vpp	0,6Vpp - 7Vpp
Stability ²	max. 1% ±160mV			
Amplitude Adjustment: Settle Time DC-IN ¹ :	2-7 Minutes	<1 Minutes	<1 Minutes	<1 Minutes
DC Input Voltage(Typ)				
Range: DC-IN	12-25 Vdc / 330mA			
Range: BAT-IN (not ground referenced sym.)	35-48 Vdc / 100mA			
Main Output				
No. Outputs:	4			
Connector:	Front panel RCA			
Impedance:	600Ω±0,5%			
General				
Dimensions:(WxHxD)(mm)	95x47x140			
EMC/EMV:	CE and EN61010. Complies to FCC (own Lab test)			
Supplied Accessories:	none			
Operating temperature:	15°C - 50°C			
Humidity:				
(non-condensing)	10°C - 30°C - 85%			
	31°C - 40°C - 75%			
	41°C - 50°C - 40%			
Storage temperature:	-30°C to 70°C			
Warranty:	2 years standard			
Case:	unshielded			
Product Origin:	THD adjusted by hand and engineered in Germany.			

¹ Settle Time on startup can vary between DC-IN and BAT-IN and adjusted amplitude

² The ready Led is only an indicator. Check stability with scope or multimeter

Attention:

All these specifications apply to the ULD4. To satisfy these, the following conditions must be met:

1. The instrument has been operating continuously for more than 20 minutes within specified operating temperature range (20 - 24°C)
2. The temperature variation does not exceed 2°C
3. Unless otherwise stated, all specifications apply in Hi-Z state, DC-IN connected

Note: All specifications are guaranteed unless where noted with "typical" or (Typ).

Typical (Typ): The characteristic performance, which 80% or more of manufactured instruments will meet.

This data is not warranted, does not include measurement uncertainty, and is valid only at room temperature (approx. 22°C)

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