KUSAM-MECO®
An ISO 9001:2015 Company

FUNCTION GENERATOR
Model KM 2005

THINK SAFETY
THINK KUSAM-MECO®



Preliminary Data

FEATURE :

- **Frequency of the mode : 0. 1Hz ~ 5MHz**
- **Output waveform : Sine, Triangle, Square, ramp ±Pulse**
- **TL / CMOS and OUTPUT synchronous output.**
- **Less than 1% distortion at 10Hz-- 100KHz**
- **Less than 0. 5dB frequency response at 0. 1Hz-- 100KHz**
- **1Hz-- 30MHz frequency counter.**

ELECTRICAL SPECIFICATIONS :

- **Frequency :** 0.1Hz ~ 5MHz
- **Output waveforms :** Sine, triangle, square, positive and negative pulse, positive and negative ramp
- **Output impedance :** 50Ω ± 10%
- **Amplitude :** Not less than 50Vpp (open circuit)
- **DC voltage :** 0 ~ ±10V continuously adjustable
- **Symmetry range :** 90:10-- 10:90
- **Rising edge of square :** Less than 50ns
- **SINE CHARACTERISTIC :**
  Distortion : Less than 1% at 10H - 100KHz
  Frequency response : 0.1 Hz ~ 100 MHz : ≤ ± 0.5dB
  100 KHz ~ 5 MHz ≤ ±1dB
- **TTL/CMOS OUTPUT :**
  Level : Level: TTL low level less than 0.4V in pulse wave, high level less than 3.5V,
  CMOS low less tan 0 - 14V continuously variable.
  Rising time : Less than 100ns
- **VCF INPUT :**
  Output voltage : -5V ~ 0V ±10
  Max. volt controlled : 1000:1
  Input signal : DC - 1KHz
- **FREQUENCY COUNTER :**
  Measuring range : 1Hz ~ 10MHz ≥10Vp-p
  Input impedance : Not less than 1MΩ / 20F
  Sensitivity : 100mVrms
  Max. Input : 150V (AC+DC)
  Input attenuation : 20dB
  Accuracy : Less than 0. 003% ±1digit
  Line power : 220V/110V±10% 50Hz/60Hz
- **Dimension :** 270 * 225 * 90mm.
- **Weight :** About 2. 5Kg

All Specifications are subject to change without prior notice.

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