



# DATA (CODE) GENERATOR MODULE

MODEL - DATAG100

This trainer has been designed with a view to provide practical and experimental knowledge of data generator.



## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. Pulse Signal generator - TTL Level
  - Carrier Clock : 1.28 MHz
  - Word Clock : 10 KHz
  - Bit Clock : 80 KHz
  - Data Format : TTL - NRZ, Bipolar NRZ
4. Standard Accessories :
  1. A Training Manual.
  2. Connecting Patch cords.

## EXPERIMENTS

1. To generate carrier Clock, Bit clock and Word clock signal.
2. To generate NRZ data signal of 8-bit data word.
3. To generate Bipolar NRZ data signal.
4. To change frequency-determining components and observe variations in frequency.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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