GATE GENERATOR (RS422)

≪ABSTRACT≫

◆This module generates gate signal according to START/STOP input.

◆The gate signal can be added the delay of 1-1000msec
   by the programmable devider that consists of the Xtal control system.

◆The setting of the delay time can be done by 3 digits digital switch.
   When the setting value is <000>,the delay time is 1000msec.

≪Specifications≫

Input characteristics ;
   ◇RS422 LEMO-1P floating
   ◇TTL LEMO-1P impedance : 50Ω
   ◇Pulse width : 100nS min.
      (input signal selection by only RS422/internal)
   ◇VETO : 1×2ch(At the signal more than -450mV,it inhibits all outputs.)

Output characteristics ;
   ◇RS422 LEMO-1P floating
   ◇TTL LEMO-1P 4V/50Ω
   ◇Each 2 outputs/output polarity change(on front panel)

   ◇DELAY THROU/IN selectable(on front panel)
   Accuracy 1S : ±20μS($2×10^{-5}$)
         100mS : ±20μS($2×10^{-5}$)
         10mS : ±1μS($2×10^{-4}$)
         1mS : ±1μS($2×10^{-3}$)
   Jitter : 0.2μS

◆Packaging : NIM standard single-width module.

◆Consumption current -6V : Approx.450mA