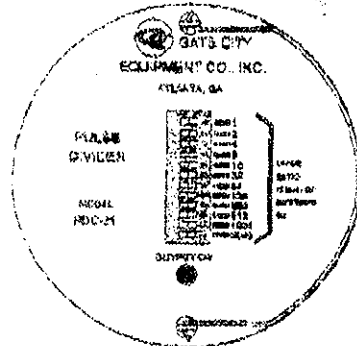
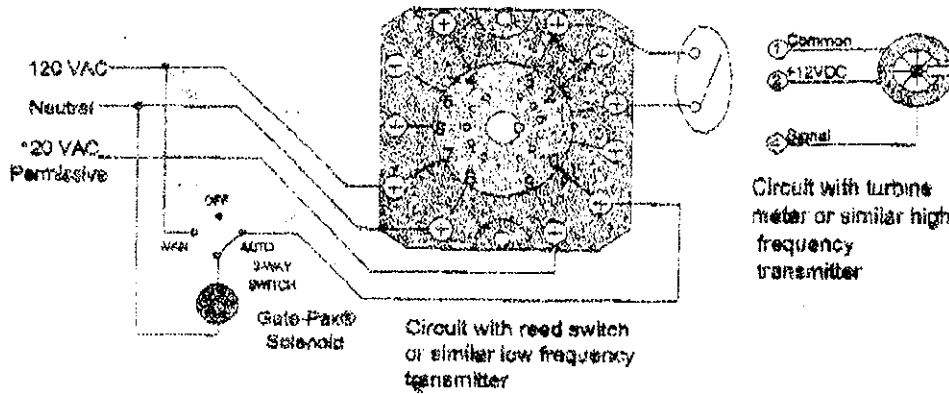


PDC-21 Pulse Divide Circuit



Switches	
No.	Divisor
A 1	1
2	2
3	4
4	8
5	16
6	32

B 1	8
2	16
3	32
4	64
5	128
6	256

Divide Example:

To get 1 output pulse for every 40 input pulses turn on switches 6A & 4A

6A - 32
4A - 8
40

Installation Instructions

1. Do not apply external power to TB-1 thru TB-4.
2. TB-7 and TB-8 are internal power and must be 110 VAC.
3. TB-9 is the permissive power input.
4. TB-10 is the switched Triac output which may be 10 VAC to 250 VAC max. 5 amps.
5. TB-1 and TB-2 are internal power for transmitters if needed.
6. TB-3 is input from pulse transmitter switch. Max. of 100 pulses per second.
7. TB-4 is input from turbine meter or high frequency transmitter. Max. 5000 pulses per second.
8. Do not use both input 3 and input 4 at the same time.
9. Electronic circuitry is completely isolated from the case.
10. TB-5 and TB-6 is a dry reed switch contact closure equal to the input.
Example: 1 pulse per gallon input on terminals 1 & 3, terminals 5 & 6 will give 1 pulse per gallon output for a data system or other use. Max. power is 3 watts.
11. For DC wiring use shielded cable, grounded to terminal TB-1.