

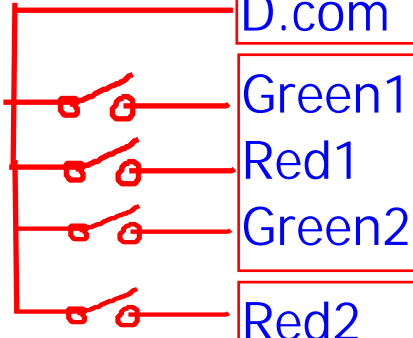
# Wiring Diagram

220L  
220N  
GND

Pressure Tx  
2 wire loop

A.com(0vdc)  
4-20mA  
24V to sensor

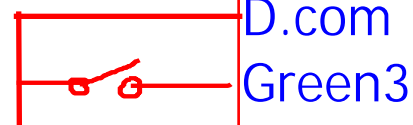
+RS485  
-RS485  
D.com



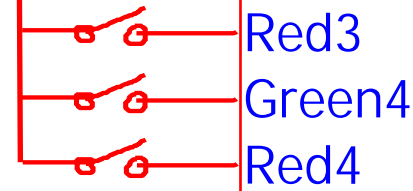
Green1  
Red1  
Green2



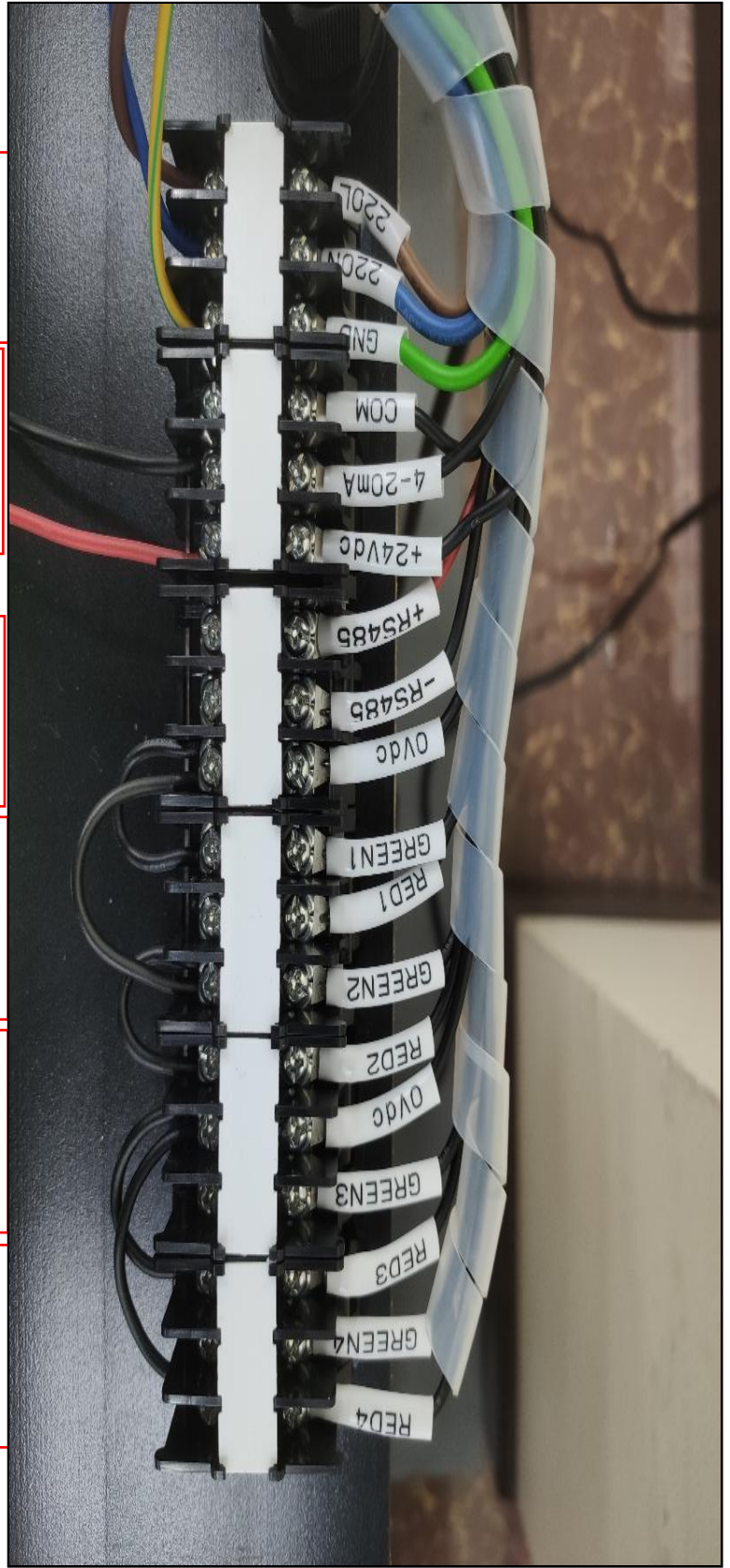
Red2



D.com  
Green3

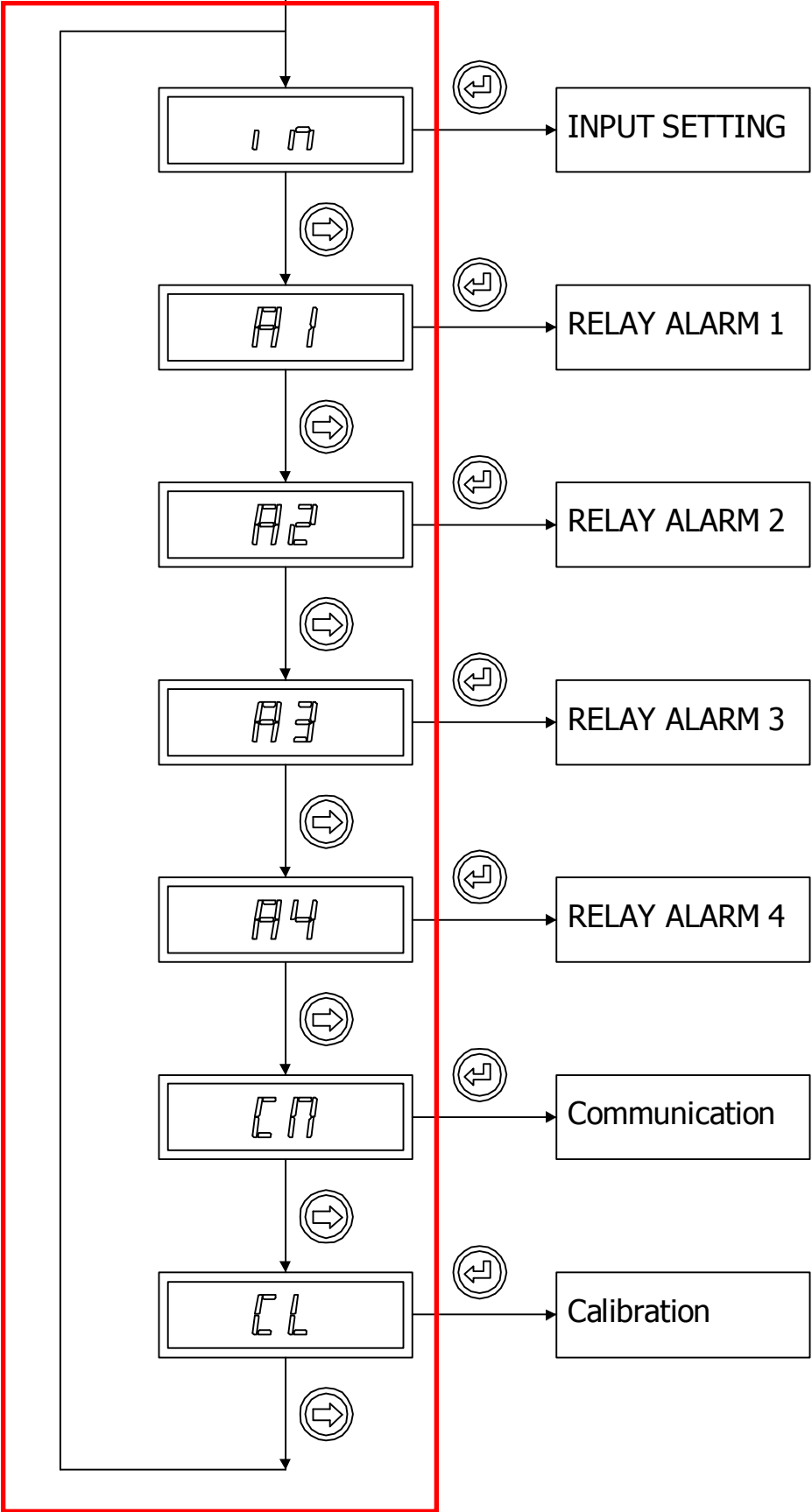


Red3  
Green4  
Red4

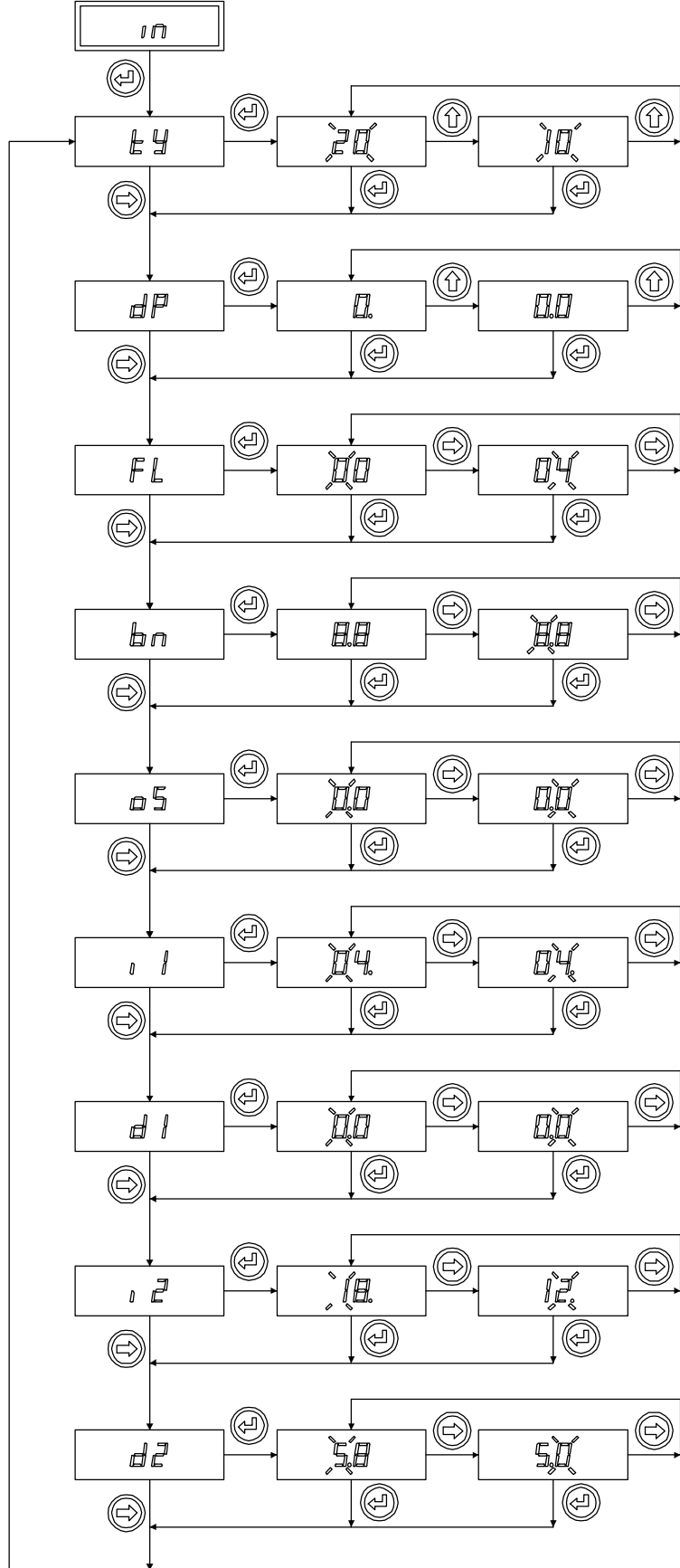


PB ( MODE )

PB MODE Again for Exit



# 1) Input setting (exit Mode by PB-Mode)



type  
0/4-20mA  
0-10Vdc

Decimal point  
0.  
0.0

Filter input  
0 => no average  
4 => average sampling=4

Band Filter input

Offset input (After Scaling)

input scaling 2 point  
input point 1  
04 => 4mA

Display input point 1  
0.0 => at 4mA show 0.0

input point 2  
12 => 12mA

Display input point 2  
5.0 => at 12mA show 5.0 bar  
10. => at 20mA show 10. bar

## 2) Alarm Relay #1 (exit Mode by PB-Mode)

**AI**

\*\*\*Alarm Relay #2 is the same

Operateing Mode

of =OFF not use

Lo = Low alarm

Hi = High Alarm

\*\*\*set =Lo

oP

oF

Lo

Hi

SP

SB

SD

SetPoint Alarm

EX: 5.0 BAR

LED change to RED < 5.0BAR

HY

HB

HD

Hyteresis Alarm

EX: 0.5 BAR

to protect alarm fluctuate

tn

tb

td

Ton = Timer delay on

\*\*\*set =00

tf

tb

td

TF = Timer delay off

\*\*\*set =00

tu

tb

td

Tu = Timer auto reset

\*\*\*set =00

os

nm

re

os =output state working

nm =normal operate

re =reverse operate

\*\*\*set =normal

rs

Ar

Mr

bs

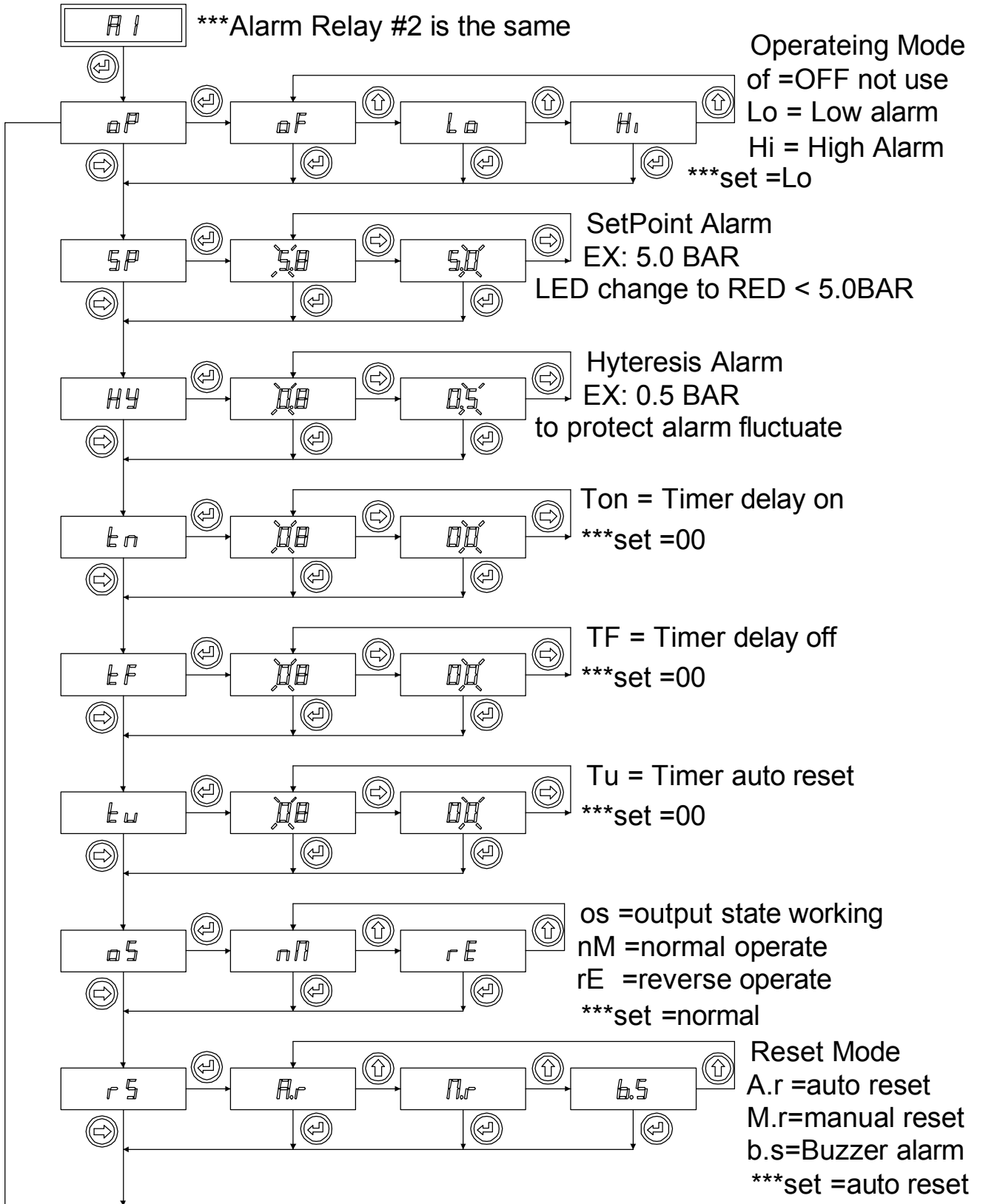
Reset Mode

A.r =auto reset

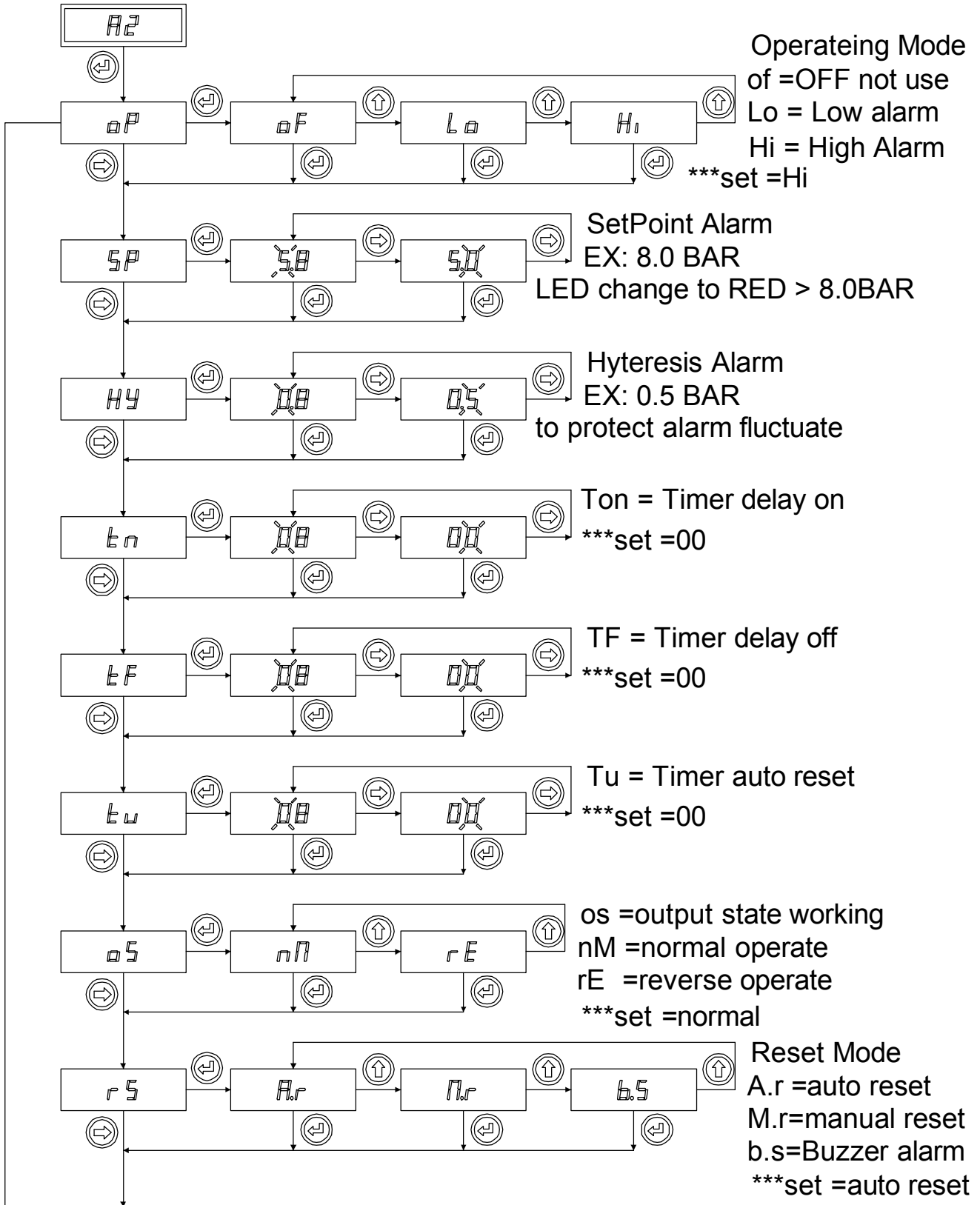
M.r=manual reset

b.s=Buzzer alarm

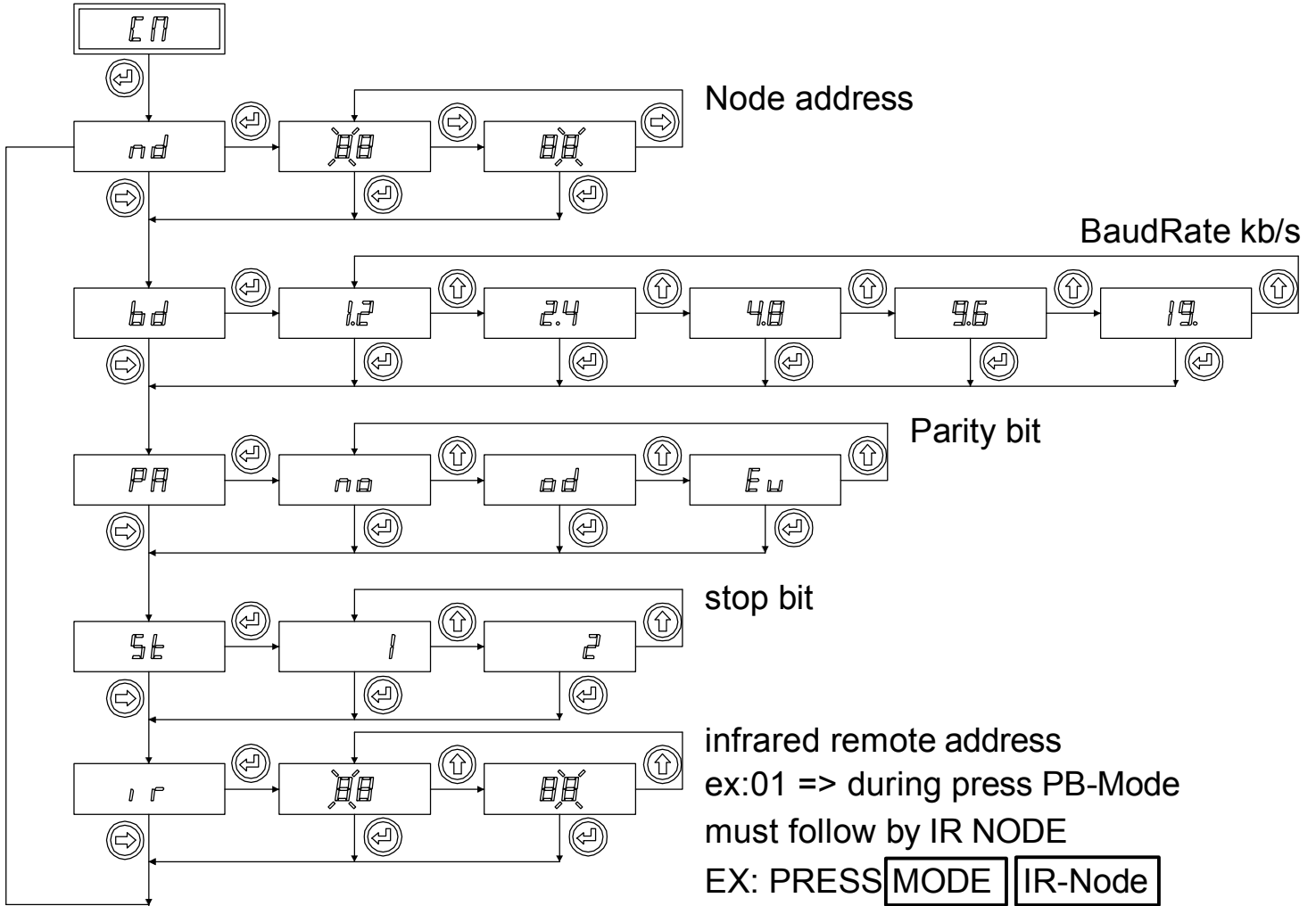
\*\*\*set =auto reset



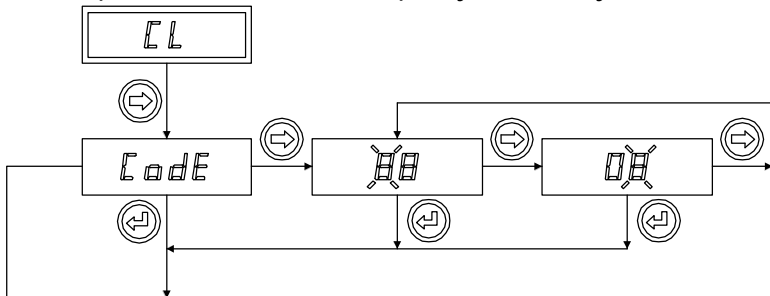
### 3) Alarm Relay #2 (exit Mode by PB-Mode)



### 6) Communication (option)



### 7) Calibrate Mode (only Factory need code password)

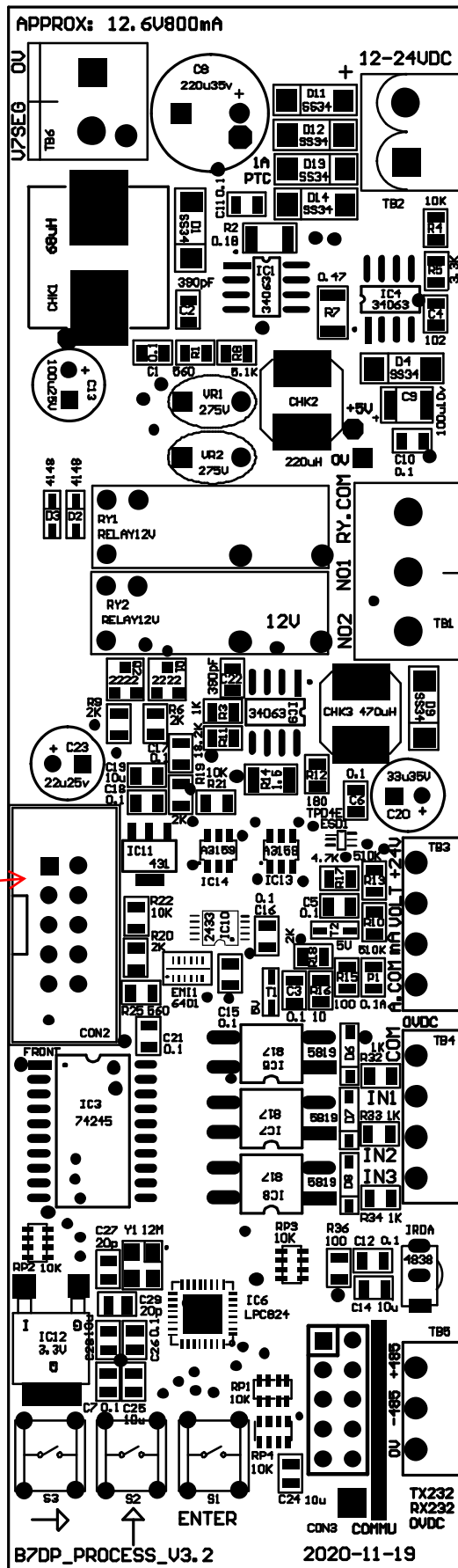


BIG 7 SEGMENT PROCESS 4-20mA, 0-10V\_CPU BOARD DATE:20210906

OUTPUT POWER SUPPLY 12VDC (OPTION)

+12V  
0VDC

INPUT POWER SUPPLY 12VDC

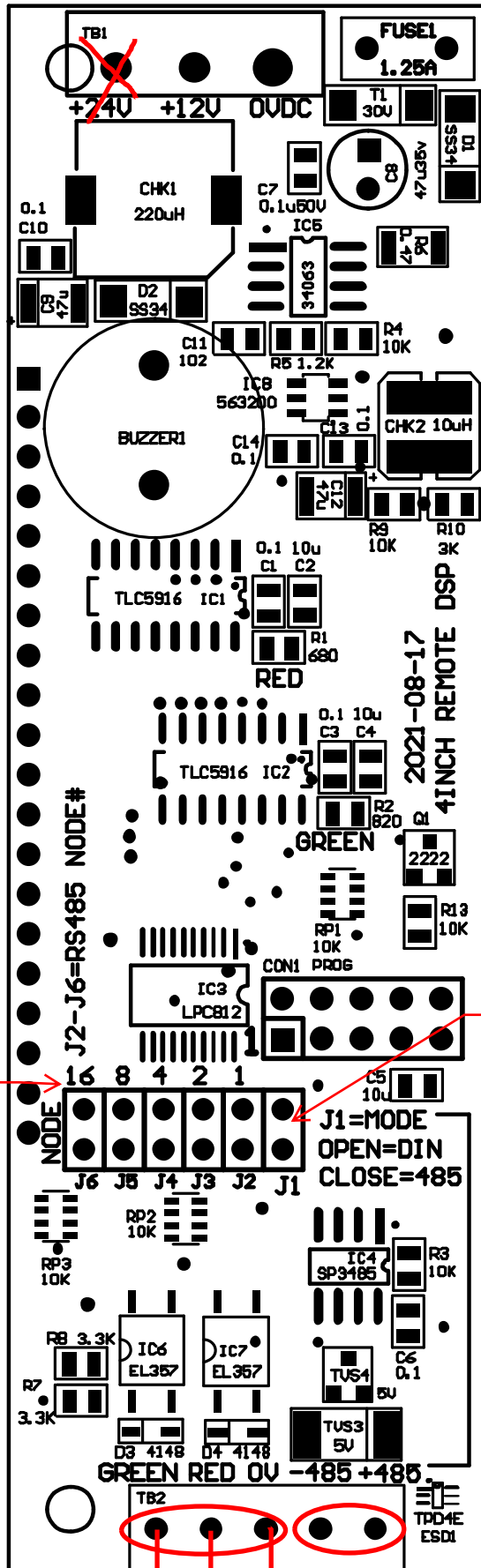


7 SEGMENT

24V to sensor  
0-10V from sensor  
4-20mA from sensor  
0Vdc (A.com)



+12V 0VDC



Jumper J2 to J6  
Node RS485

J2=>	Node =1
J3=>	Node =2
J4=>	Node =4
J5=>	Node =8
J6=>	Node =6

Jump1 MODE  
OPEN  
CLOSE RS485  
Default =open

Modbus address FN03 Address =0  
=0  
=1  
=2  
=3  
=4  
=5  
=6  
=7

GREEN + RED Close

RS485

