1. WPMZ-1 2ch Temperature signal input

1) Convert RTD signal to 4-20mA by RTD converter WSPF-RTS-F11A-DX.
2) Input 2ch, Display Ach & Bch value in 1 display.
3) WPMZ-1 can **Calculate difference of 2ch input (Ach - Bch).**
   If calculation result is below or over setpoints (4 setpoints setting available)
   when one of RTD broken etc., then Relay signal will output to detect.

(RTD converter)
WSPF-RTS-F11A-DX

Pt100Ω
0~100°C

Ach
4~20mA DC

· 2ch input & display!
· Output according to the Difference of Ach & Bch (Ach - Bch)

Bch
4~20mA DC

Pt100Ω
0~100°C

WSPF-RTS-F11A-DX

Temperature sensor
RTD x 2
4~20mA output type
(photo is example)

Alarm output
Relay /
Opencollector
(4 setpoints)

Alarm lamp /
Signal tower /
Buzzer /
etc.

Option output
RS-232C / RS-485 /
BCD / Analog output

Computer

PLC
Etc.

Digital Panel Meter
WPMZ-1-1BB-□□-XE0

Input   : 4~20mA DC x2ch
Power supply : 100~240V AC
Calculation function of 2ch input