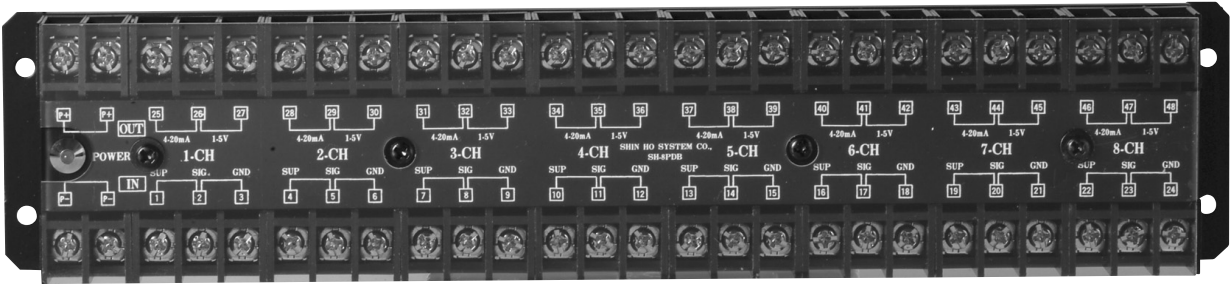


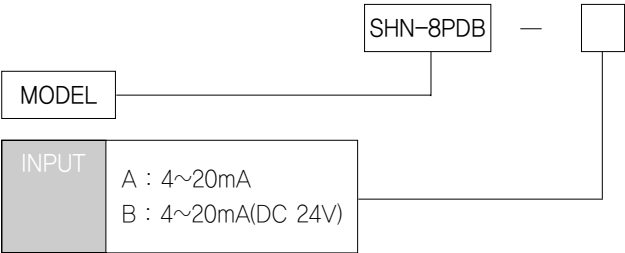
# 8-CHANNEL CURRENT LOOP

SHN-8PDB



8PDB receive an external power from power regulator and distribute to 8 channel transmitter and then makes 8 2-wire transmitter loops. That accepts 4~20mA from transmitters and provides 4~20mA or 1~5V. It is very useful for small space and adopts shortcircuit protection.

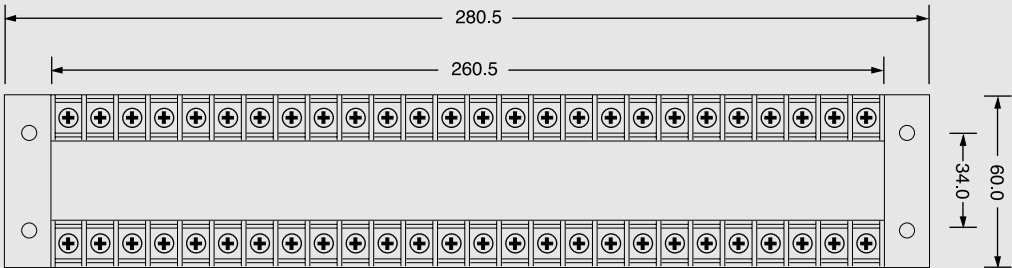
## MODEL & SUFFIX CODE SELECTION



## GENERAL SPECIFICATIONS

|                       |                                                                   |                                         |
|-----------------------|-------------------------------------------------------------------|-----------------------------------------|
| Power Input           | DC rating $\pm 10\%$ , (ripple 10%)                               |                                         |
| Current Rating        | DC 25mA(Max)                                                      |                                         |
| Current Limited       | DC 30mA(Max)                                                      |                                         |
| Temp Coefficient      | $\pm 0.015\%/^{\circ}\text{C}$ ( $\pm 0.008\%/^{\circ}\text{F}$ ) |                                         |
| Accuracy              | $\pm 10\%$ (accuracy of the receiving resistor)                   |                                         |
| Load Resistance       | 1~5V 5k $\Omega$ (Min)<br>4~20mA 600 $\Omega$ (Max)               | 5k $\Omega$ (Min)<br>600 $\Omega$ (Max) |
| Operating Temperature | 0~50 $^{\circ}\text{C}$                                           |                                         |
| Operating Humidity    | 30~90%                                                            |                                         |
| Dimensions            | W280.5×H60×D25(mm)                                                |                                         |
| Wiring                | M3.5 Screw Terminals                                              |                                         |
| Case Material         | Steel(black)                                                      |                                         |
| Weight                | about 440g                                                        |                                         |
| Mounting              | Surface                                                           |                                         |

## DIMENSIONS

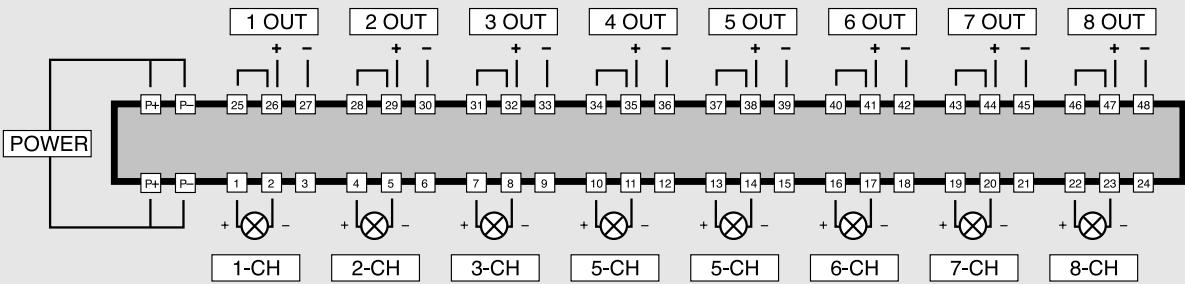


SIGNAL CONVERTER

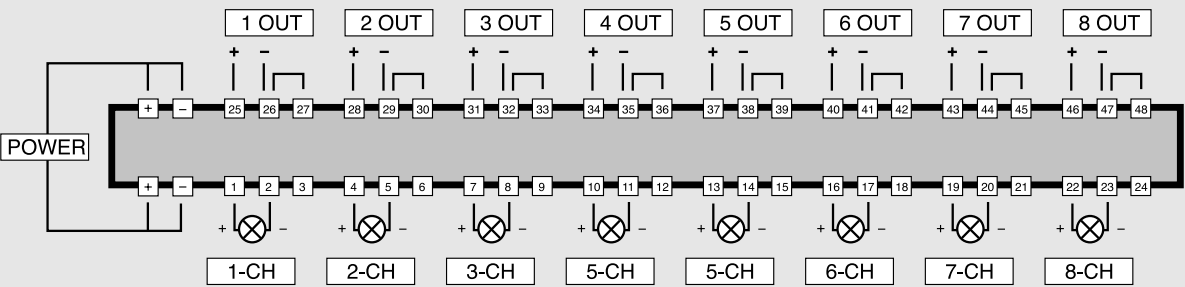
SHN-8PDB

CONNECTION DIAGRAM

2-Wire Transmitter to 1-5V Output



2-Wire Transmitter to 4-20mA Output



mA, Transmitter to 1-5V Output

