# General Specifications

## ADDER & SUBTRACTOR

This convert is used in process that needs to addition & subtraction of temperature, flow, etc. It combines with each instrument of controller, recorder, integrator, etc, computer consol depending on application position and constructs the highest system.

## ■ SPECIFICATIONS

| ITEMS | DESCRIPTIONS | | |
|---|---|---|---|
| INPUT | DC Voltage (1~5V) or DC Current (4~20mA) Signal | | |
| OUTPUT | DC Voltage (1~5V) or DC Current (4~20mA) Signal | | |
| NUMBER OF INPUT | 2 | | |
| ACCURACY | ¾ 0.2% Max. | | |
| TEMP. COEFFICIENT | ¾ 0.015% / É | | |
| LINEARITY | ¾ 0.5% F.S | | |
| REPEATABILITY | ¾ 0.5% F.S | | |
| RESPONSE TIME | Less than 0.5sec (0-90%) | | |
| INSULATION RESISTANCE | Greather than 100MΩ at DC 500V | | |
| DIRECTRIC-STRENGTH | Input-Power | AC1,500V | 1 minute |
| | Input-Output | AC1,500V | |
| | Input-Ground | AC1,500V | |
| POWER SUPPLY | AC110V AC220V ¾ 10% 50-60Hz 3.5VA | | |
| AMBIENT-TEMP | -5~+55℃ (20~130℉) | | |
| HUMIDITY | Less than 90% RH (no condensation) | | |
| LINEARLIZER | Standard function | | |
| CASE MATERIAL | ABS | | |
| COLOR | MUNSELL No. 7.5YR 5/2 | | |
| WEIGHT | About 500g | | |
| DIMENSION | W50 x H80 x D123mm | | |
| MOUNTING | WALL or DIN Rail | | |
| OUTPUT LOAD RESISTANCE | Refer to Attached Technical Sheet. | | |

## ■ ORDERING CODE

MODEL : D P A S - ☐☐☐☐ - ☐

FUNCTION
  1  Adder
  2  Subtractor

INPUT SIGNAL
  7  DC 4~20mA
  8  Other Current (Less than 20mA)
  F  DC 1~5V
  G  Other Voltage (Less than 12V)

OUTPUT SIGNAL
  7  DC 4~20mA
  8  Other Current (Less than 20mA)
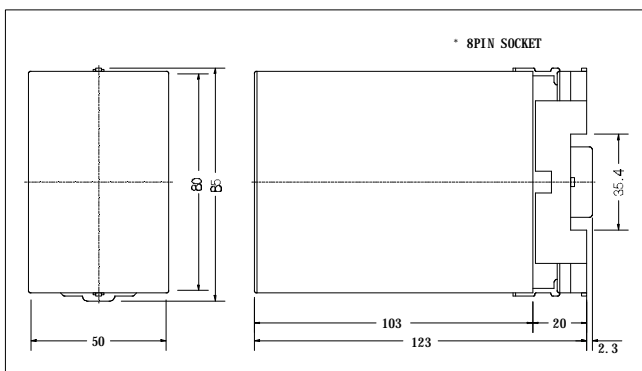  F  DC 1~5V
  G  Other Voltage (Less than 12V)

POWER SUPPLY
  1  AC 110V    2  AC 220V    3  DC 24V

I/O ISOLATION
  G : General          Y : Isolation

## ■ DIMENSION

* 8PIN SOCKET

## ■ WIRING DIAGRAM