

SIGNAL TRANSMITTER

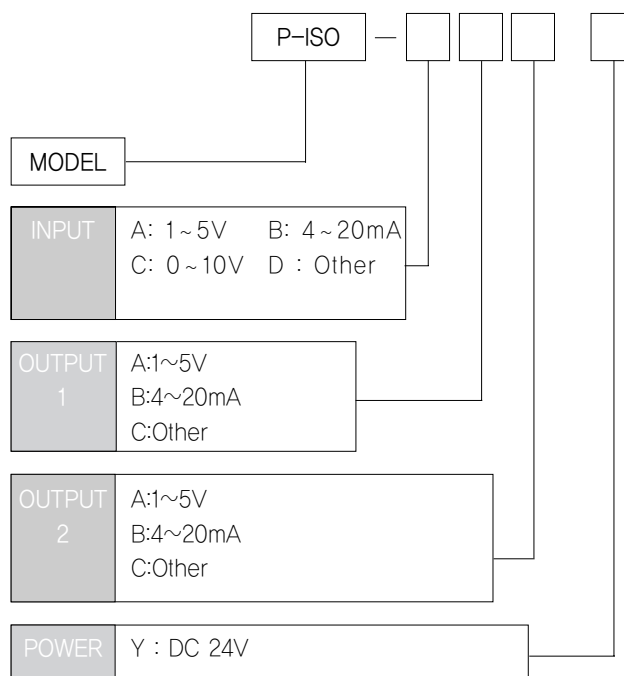
P-ISO



A Converter is used to transmitters DC signal in isolated condition

- Isolation between control room and field instrumentation
- 1 or 2 outputs are available from 1 input
- Contains overvoltage protection circuit
- Transformer isolation type
- Slim wide 18mm

MODEL & SUFFIX CODE SELECTION



GENERAL SPECIFICATIONS

Isolation/Type	Input to output to power/Transformer isolation type
Power Supply	DC24V \pm 2V, (ripple 10%) 100mA(full load)
Accuracy	\pm 0.1%(Max)
Temp Coefficient	\pm 0.015%
Linearity	\pm 0.02% F.S
Insulation Resistance	Greater than 100M Ω with DC 500V
Front Adjustments	Zero and Span \pm 5%
Overrange Output	approx.-10% ~ 110% at DC 1~5V
Response Time	\leq 0.2 sec (0~90%)
Operating Temperature/Humidity	0~60°C / 90%(N.C)
Storage Temperature/Humidity	-20~80°C / 95%(N.C)
Dimensions	W18xH100xD112(mm)
Case Material	ABS Resin (black)
Weight	about 200g
Mounting	Rail mounting Type

INPUT & OUTPUT SPECIFICATIONS

Input Impedance

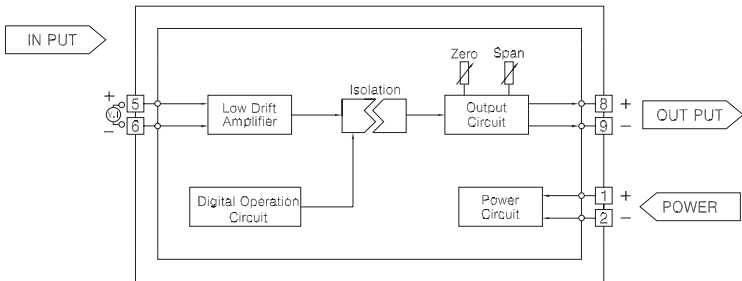
Input	Impedance
4~20mA	250Ω
0~20mA	250Ω
2~10mA	250Ω
1~5V	1MΩ (Min)
0~1V	1MΩ (Min)
0~10V	1MΩ (Min)

Output Load Resistance

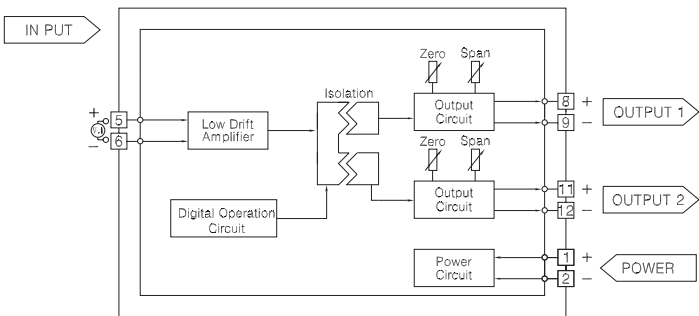
Output	1 Point	2 Point		Remark
	Output	Output-1	Output-2	
4 ~ 20mA	700Ω	600Ω	350Ω	(Max)
0 ~ 20mA	700Ω	600Ω	350Ω	(Max)
2 ~ 10mA	1200Ω	1200Ω	700Ω	(Max)
1 ~ 5V	5000Ω	5000Ω	5000Ω	(Min)
0 ~ 1V	1000Ω	1000Ω	1000Ω	(Min)

BLOCK DIAGRAM

1 Point Output



2 Point Output



DIMENSIONS (unit:mm)

