

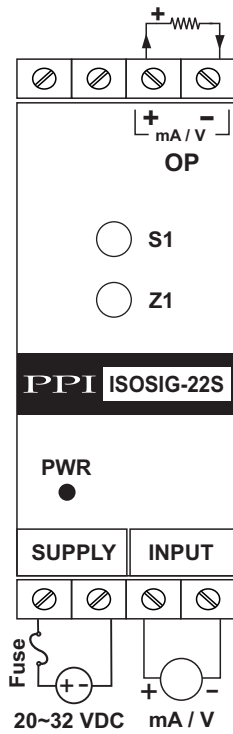
- Robust, Slim (22mm Width), High Resolution, Accurate
- Factory Configured DC Voltage (V) **or** Current (mA) Input Types
- Factory Configured DC Voltage (V) **or** Current (mA) Output Types
- 1.5KV AC Isolation between Power Supply, Input & Output
- High Resolution Input (30,000 parts) & Output (10,000 parts)
- Front Panel Zero / Span Adjustment through Multi-turn Trim-Pots
- Wide Supply Range : 20~32 VDC (24 VDC Nominal)
- Din-Rail Mounting : 22(W) X 75(H) X 107(D)



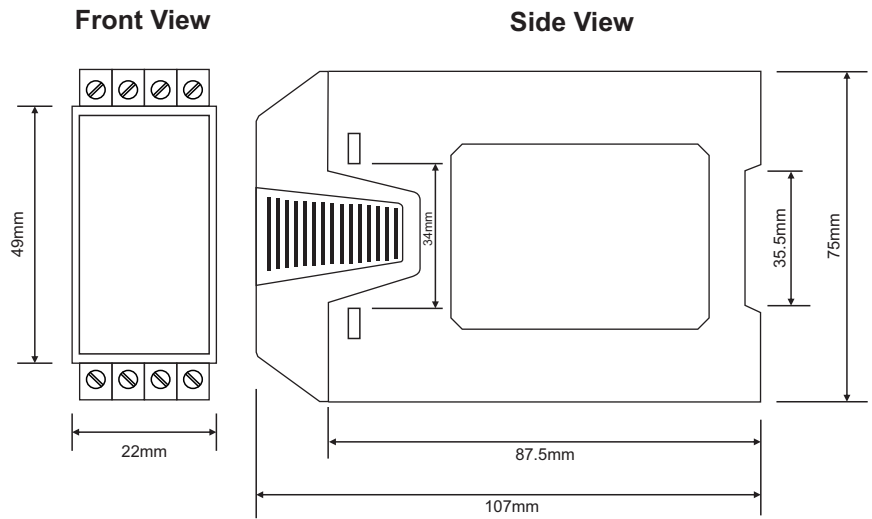
Specifications

Input	
Type (Factory Configurable) (Refer Ordering Code)	DC Linear Voltage ♦ 0 - 5 V ♦ 0 - 10 V ♦ 1 - 5 V DC Linear Current ♦ 0 - 20 mA ♦ 4 - 20 mA ♦ 0 - 10 mA
Resolution	30,000 parts (16-bit Sigma-Delta ADC)
Protection	Complies with IEC 61000-4-2 level 4 : 15kV air discharge & 8kV contact discharge
Input Filter	First Order Low Pass RC Filter : Max. Cutoff 16Hz for mA & Voltage Input
Input Resistance	Voltage : 200KΩ mA : 100Ω shunt resistor (2V drop at 20mA)
Accuracy	mA / V : ± 0.25% of reading
Output	
Type (Factory Configurable) (Refer Ordering Code)	DC Linear Voltage ♦ 0 - 5 V ♦ 0 - 10 V ♦ 1 - 5 V DC Linear Current ♦ 0 - 20 mA ♦ 4 - 20 mA ♦ 0 - 10 mA
Load	Voltage Output : Into 500Ω Min. Current Output : 700Ω Max. for 22mA
Response Time	< 250 mS for step Input change (typical)
Resolution	10,000 parts
Accuracy	± 0.1% of FS
Power Supply	
Type	Switch Mode (SMPS)
Line Voltage	20~32 VDC, nominal 24 VDC @ 150mA Min. Note : In case of looping multiple units on one power source, make sure that the source is capable of supplying minimum 150mA current per unit.
Electrical Isolation	
Isolation	1500V AC for 1 minute or 250V AC (354V DC) continuous between Input, Output & Power
Environmental (Ambient)	
Operating Range	0~55°C & 5~90%RH Non-condensing
Storage Temperature	-10 to +70°C

Electrical Wiring



Mechanical Dimensions



Overall Dimensions : 22(W) X 75(H) X 107(D), mm

Ordering Code

ISOSIG —

	Input
S1	0 - 5 V
S2	0 - 10V
S3	1 - 5V
S4	0 - 20 mA
S5	4 - 20 mA
S6	0 - 10 mA

	Output
C1	0 - 20 mA
C2	4 - 20 mA
C3	0 - 10 mA
V1	0 - 5 V
V2	1 - 5V
V3	0 - 10V

Example Code

ISOSIG - S5 - C2

Input : 4 - 20 mA; Output : 4- 20 mA