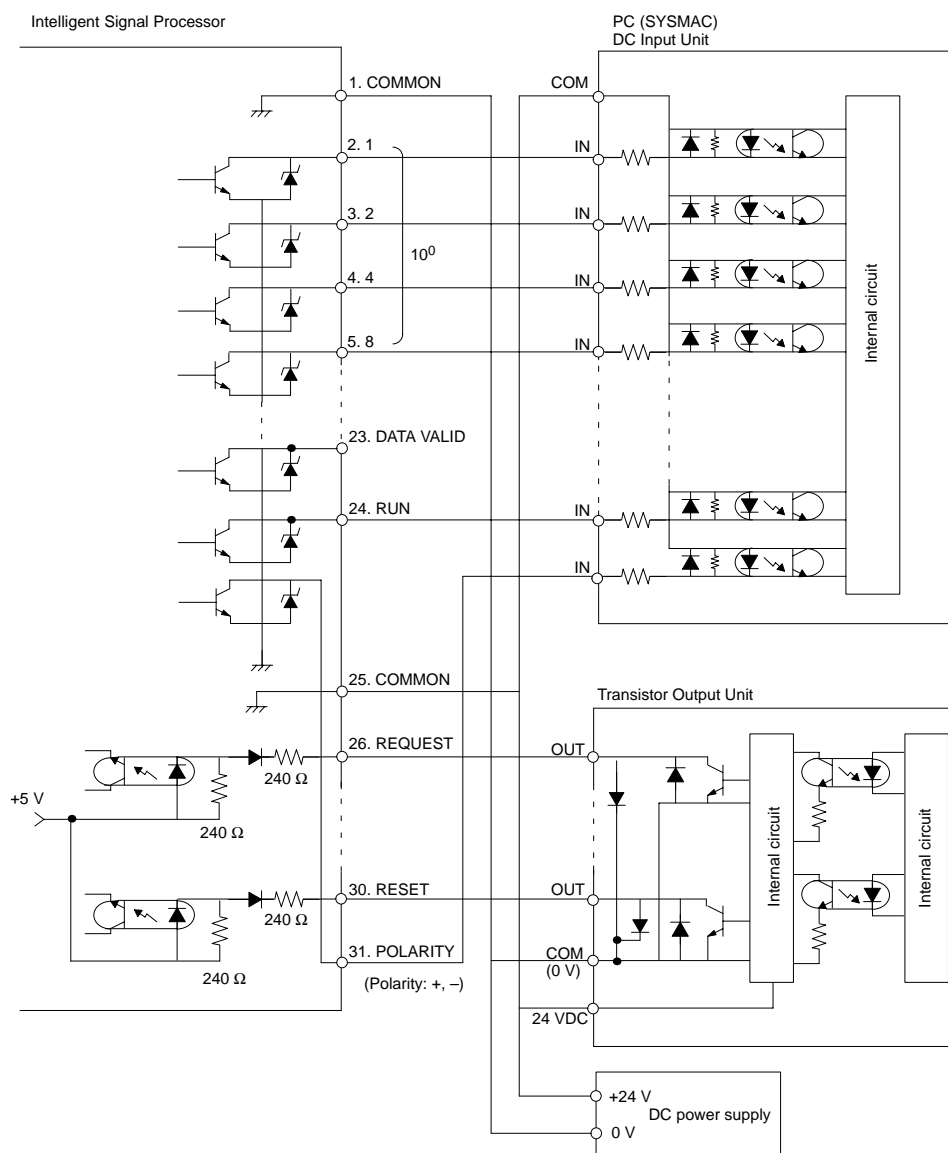
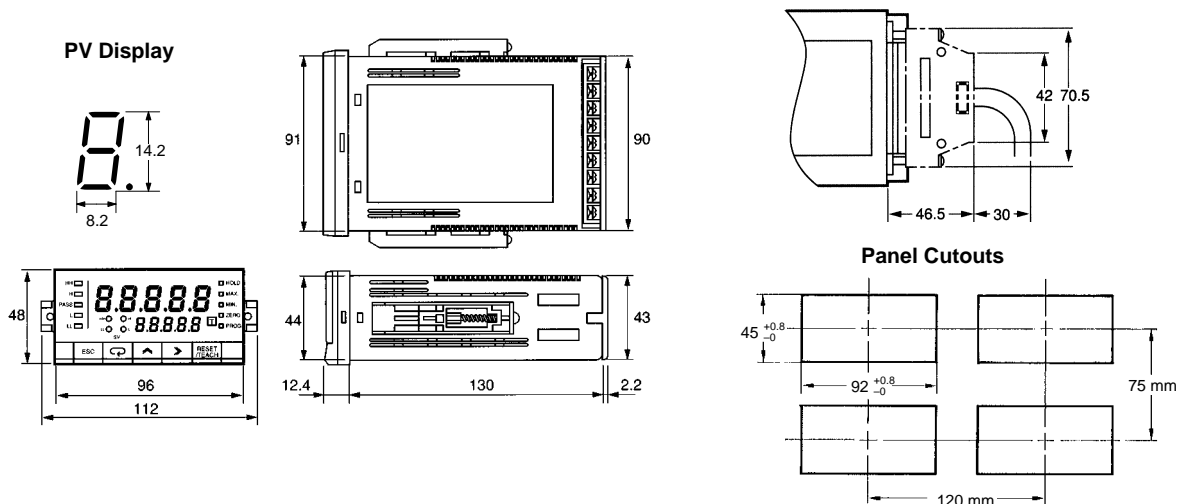


■ Example of Connection to Programmable Controller



Dimensions

Note: All units are in millimeters unless otherwise indicated.

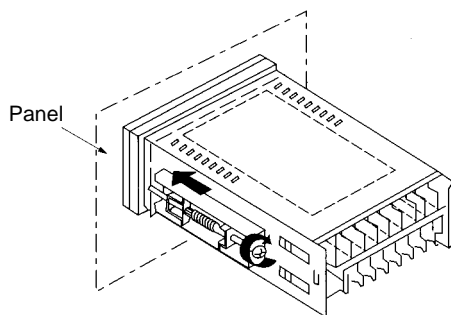


Precautions

- Be careful not to touch any terminals, otherwise you may receive an electric shock.
- Please do not disassemble the product nor touch the internal components of the product, otherwise you may receive an electric shock.
- Be sure that the power supply voltage is within the rated range.
- Do not use the Intelligent Signal Processor in locations with flammable gas or combustible substances.
- Be sure to wire the terminals correctly by checking the terminal names.
- Be sure that the terminal screws are tightened securely when wiring.

Mounting

Recommended panel thickness is 1 to 3.2 mm.



Attach the mounting bracket on the left and right sides of the Intelligent Signal Processor as shown in the illustration above and gradually tighten each screw evenly in turn by considering the balance of the tightening force until the ratchets start slipping without being further tightened.

Mount the Processor as horizontally as possible.

Never use the Processor in locations where corrosive gas (particularly sulfur or ammonia gas) is generated.

As much as possible avoid use of the Processor in a location subject to severe shock or vibration, excessive dust, or excessive moisture.

Select an indoor mounting location where the Intelligent Signal Processor is at the rated temperature and humidity and free from direct sunlight.

Separate the Processor from machines generating high-frequency noise, such as high-frequency welding machines and high-frequency sewing machines.

Operation

A Processor model with a Relay Contact or Transistor Output Board may not output any alarm signal normally if the model has an error. It is recommended that an independent alarm device be connected to the model.

The parameters are factory-set so that the Processor will operate normally. The settings of the parameters may be changed according to the application.

Unit Label (Attached)

No product is shipped with the unit label attached. Select a unit label from the sheet provided and attach it to the Processor.

Δ	$\underline{\Delta}$	mA	mA	$\underline{\text{V}}$
$\underline{\text{V}}$	mV	mV	W	KW
VA	KVA	var	Kvar	Ω
$^{\circ}\text{C}$	$^{\circ}\text{F}$	K	Hz	rpm
m	mm	cm	μm	Km
ℓ	$\text{K}\ell$	t	TON	ℓx
m^3	cm^3	mm^3	Kg	g
mg	Kg/m^3	g/cm^3	m^3/Kg	m/s^2
G	N	mmHg	mmHzO	Kg/cm^2
Kg/cm^2	J	KJ	$\text{Kg}\cdot\text{cm}$	$\text{gf}\cdot\text{cm}$
PS	hp	cal	Kcal	Kg/h
t/h	Kg/s	m^3/min	m^3/h	m^3/s
ℓ/s	ℓ/min	ℓ/h	m/min	mm/s
m/s	$\%$	dB	$\phi\text{-mm}$	SCCM
sec	ms	min	counts	$\times 10$
$\times 100$	$\times 1000$	pH	ppm	pcs
deg	cP	cSt	$\text{K}\Omega$	$\text{M}\Omega$
KHZ	rps			
kV	s	m^2	cm^2	rad
S	S	L	kL	L/s
L/min	L/h	kN	mN	Pa
kPa	mPa	$\text{N}\cdot\text{m}$	$\text{kN}\cdot\text{m}$	$\text{mN}\cdot\text{m}$
$\text{kg}\cdot\text{m}^2$	lx	cPs	$^{\circ}$	rph
r/s	r/min	r/h	min^{-1}	h^{-1}
				$\text{h}\cdot\text{min}\cdot\text{s}$
$\text{min.s} \cdot 10\text{s}$			OMRON	

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

Cat. No. N084-E1-1A In the interest of product improvement, specifications are subject to change without notice.

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