



# PRESSURE SENSOR SP SERIES

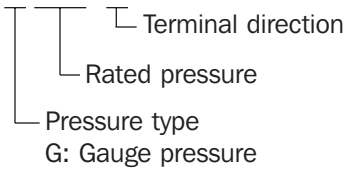
## FEATURES

The SP series is an inexpensive plastic package type.

- SP20 is a DIP type.
- SP30 is a FP and SIP type.
- These units correspond to regular equipment, measurement equipment, home electronic equipment, medical equipment and others.

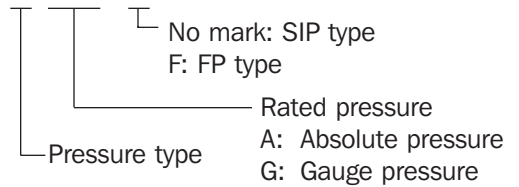
## MODEL

**SP20C-G102U**



## MODEL

**SP30C-A102F**



## SPECIFICATIONS

Model No.	SP20C-G							SP30C-A(G)			
	101	201	501	102	202	502	103	501	102		
Rated pressure	kgf/cm <sup>2</sup>	±0.1	±0.2	±0.5	±1.0	-1.0~2.0	-1.0~5.0	-1.0~10	±0.5	±1.0	
Pressure type		Gauge pressure							Gauge-Absolute pressure		
Pressure medium		Non-Corrosive gases							Anti Corrosive Air		
Excitation current	mA	1.5	1.0							1.0	
Maximum overload pressure	kgf/cm <sup>2</sup>	Rated pressure x 3							Rated pressure x 1.5	Rated pressure x 2	
Temperature range	°C	-20~100							-20~80		
Full scale voltage	mV	60~140							60~140		
Offset voltage	mV	0±2.5	0±20							0±20	
Bridge resistance	KΩ	5±1							5±1		
Offset voltage temperature characteristics *1	%FS/°C	±0.5	±0.1							±0.1	
Full scale voltage temperature characteristics *1	%FS/°C	±0.2	±0.05							±0.05	
Linearity	%FS	±1.5	±0.3							±0.3	

NOTE \*1 The temperature range is 0°C to 60°C. If there is no specification, the temperature range is 25±5°C. These specifications are examples. Please contact us for other specifications.

## EXTERNAL FIGURE AND TERMINAL ARRANGEMENT

Unit: mm

