



Semiconductor Pressure Sensor / SP Series

FEATURES

- The SP series is an inexpensive plastic package type (DIP type).
- SP20 has a piezo resistive sensor element.
- These units correspond to regular equipment, measurement equipment, home electronic equipment, medical equipment and others.

MODEL

SP20C - G 102 U

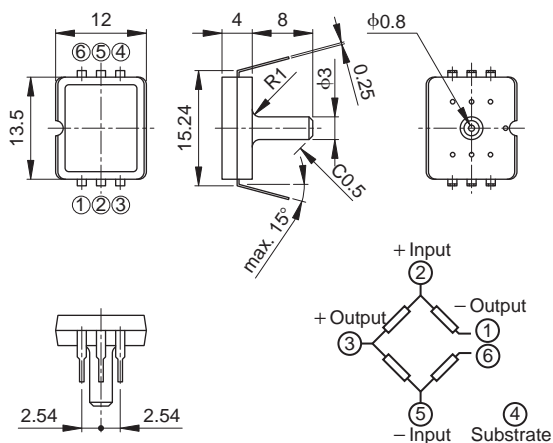
Terminal Direction
 Rated Pressure
 Type of Pressure G : Gauge



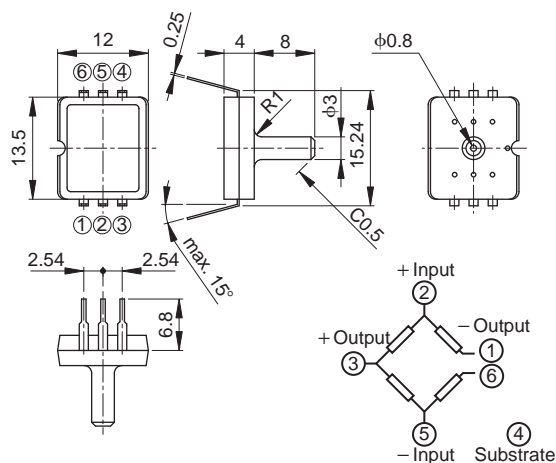
EXTERNAL DIMENSIONS AND TERMINAL ARRANGEMENT

Unit : mm

SP20C - G□□□



SP20C - G□□□U



SPECIFICATIONS

Model No.	SP20C - G						
	101	201	501	102	202	502	103
Rated Pressure [kPa]	± 10	± 20	± 50	± 100	- 100 ~ 200	- 100 ~ 500	- 100 ~ 1000
Pressure Type	Gauge						
Temperature range [°C]	- 20 ~ 100						
Pressure Medium	Non-Corrosive Gases						
Excitation Current [mA]	1.5			1.0			
Maximum Overload Pressure	Rated Pressure X3						X 1.5
Output Span Voltage [mV]	60 ~ 140						
Bridge Resistance [k Ω]	5 ± 1						
Offset Voltage [mV]	0 ± 25			0 ± 20			
Offset Voltage Temperature Characteristics *1 [%FS/°C]	± 0.5			± 0.1			
Span Voltage Temperature Characteristics *1 [%FS/°C]	± 0.2			± 0.05			
Linearity [%FS]	± 1.5			± 0.3			

NOTE *1 The temperature range is 0 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.

⚠ Specifications of products are subject to change without notice.

e-sp-p01-09



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