



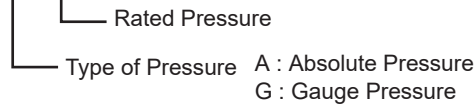
Semiconductor Pressure Sensor / SM Series

FEATURES

The SM series are high precision and high durability metal can package type (TO-5 CAN equivalent package).

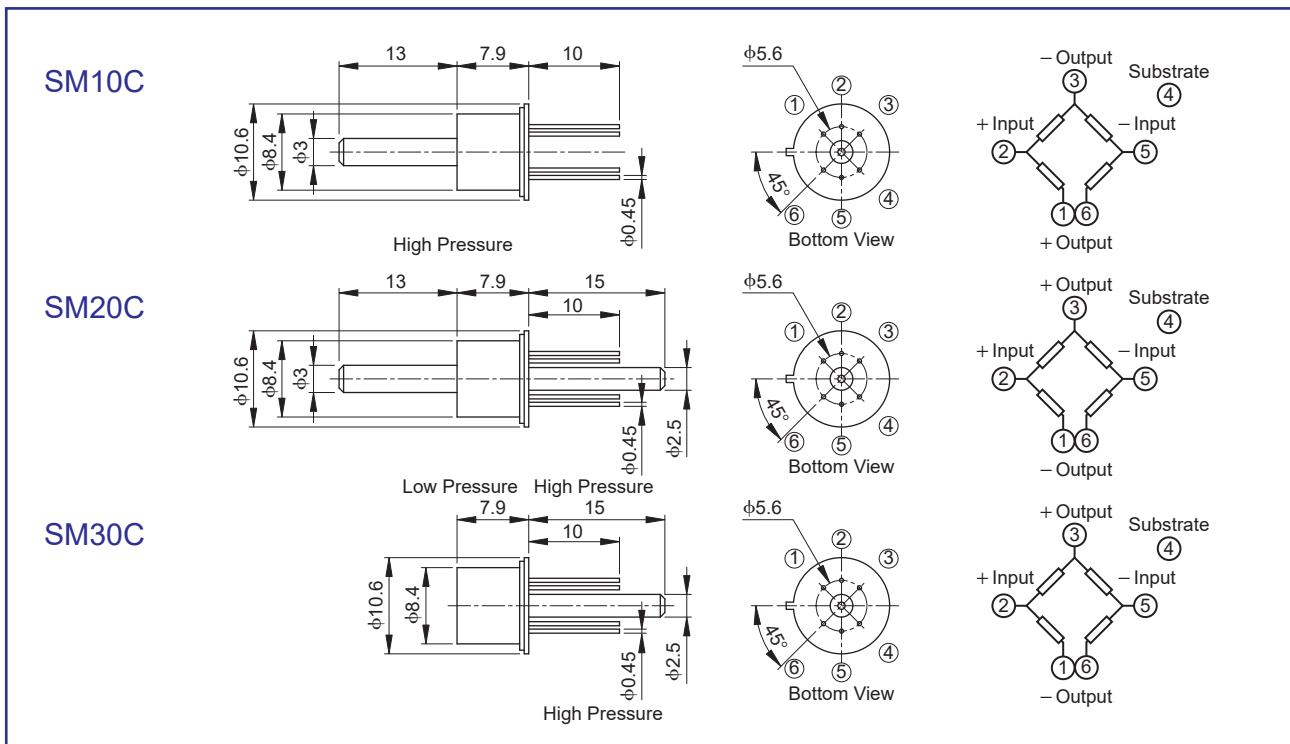
MODEL

SM20C – G 102



EXTERNAL DIMENSIONS AND TERMINAL ARRANGEMENT

Unit : mm



SPECIFICATIONS

Model No.	SM10C SM20C SM30C – A or G							
	101	201	501	102	202	502	103	
Rated Pressure [kPa]	± 10	± 20	± 50	± 100	- 100 ~ 200	- 100 ~ 500	- 100 ~ 1000	
Pressure Type	Absolute or Gauge							
Temperature Range [°C]	- 20 ~ 100							
Pressure Medium	Non-Corrosive Gases							
Excitation Current [mA]	1.5			1.0				
Maximum Overload Pressure	Rated Pressure X 3							
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-sm-p01-13



<http://www.mkt-taisei.co.jp/>

株式会社 **MKT TAISEI Co., Ltd.**

< Head Office > 3-10-8, Nohagi 1st Bldg, Minami-Ikebukuro, Toshima-ku, Tokyo, 171-0022, Japan.
PHONE : 81-3-3982-0029 FAX : 81-3-3986-1537 E-mail : info@mkt-taisei.com
< Kansai Branch > 3-18-9, Nishi-Nakajima, Yodogawa-ku, Osaka-City, 532-0011, Japan.
PHONE : 81-6-6390-7264 FAX : 81-6-6390-6945