

Model No. HPM-**-***

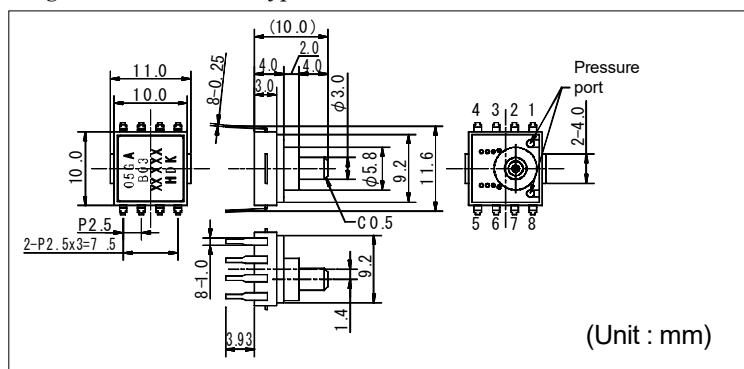
This pressure sensor, fabricated with advanced semiconductor micromachining technology, is highly sensitive and highly precise and meets a variety of customer needs. Custom product is also flexibly available to fit the needs.

■ Features

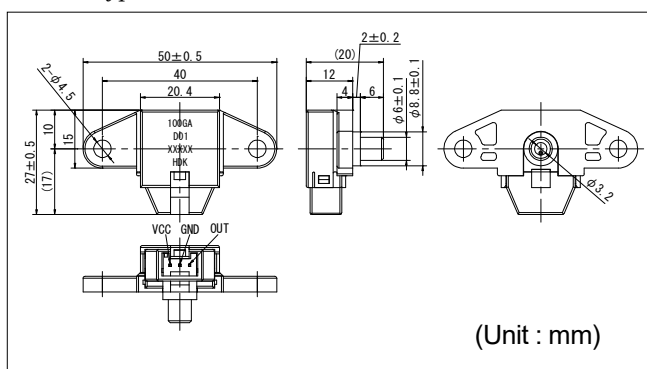
- Analog output
- Perform various digital compensation by built-in EEPROM, High precision • High stability
- Low current consumption: 2mA Max.
- Flange-mount connector type, Discrete type

■ Outline Dimension

Flange-mount connector type: HPM-**-B**



Discrete type: HPM-**-D**



■ Basic Specification

1. Absolute Maximum Rating

Item	Rating		Unit	Remark
	Min.	Max.		
Storage Temperature Range	-40	85	°C	
Operating Temperature Range	-30	85	°C	
Operating Humidity Range	0	90	%RH	
Operating Voltage Range	-0.3	6.0	V	Base Vdd = 5[V] Flange-mount type can operate at Vdd = 12[V].
Measurable Pressure Range	-90	980	kPa	

2. Electrical Characteristics (Vdd = 5[V], -10~60°C, -29.4~68.6kPa)

Item	HPM-100GA-B01	HPM-100GA-D01
		Output Form: DC
Current Consumption	2.0 mA Max.	
Output Function	0.5+[a× P [kPa] +29.4]] -Output at 29.4kPa = 0.5V Output at 68.6kPa = 4.5V a = 4/98 [V/kPa]	
Output Accuracy	±2% FS	

*Pressure range other than above can be available.

■ Model Designation

HPM - **GA - **
① ② ③ ④

- ① : Model No.
 - ② : Full span pressure
 - ③ : Analog output
 - ④ : Shape, Custom spec No.
- (B: Discrete type, D: Flange-mount type)