



Product Number (Please contact us)
X2C0000x1xxxx00

SENSOR QUARTZ PRESSURE SENSOR

XP - 7000MB XP - 7001MB

- High resolution and accuracy
- Clean measurement can be done.
Diaphragm of metal (SUS316L)
- Small size
- Applications : Various kinds of pressure measurement for industrial use



Specifications (characteristics)

Item		Symbol	Specifications		Remarks
			XP-7000MB	XP-7001MB	
Pressure measurement range		—	0 to 100 kPa (Gage pressure)		
Accuracy		—	±0.05 %FS Max.		Include of Linearity, Repeatability and Hysteresis
			±0.05 %FS Max.		After doing the correction processing by the value of a built-in temperature sensor
Temperature Range	Storage temperature	T _{stg}	-20 °C to +60 °C		
	Operating temperature	T _{use}	-10 °C to +50 °C		
Supply voltage		VCC	+12 V (DC)	+3.3 V (DC)	
Output Waveform			3.2 Vp-p Min.	VCC × 0.5 Min.	Square wave Output frequency 39 kHz Typ.
Current consumption		Icc	4.0 mA Typ	1.0 mA Max.	No load condition
Maximum pressure measurement range		—	140 %		Pressure not destroyed
Size		—	Φ22 × 40 mm		projection part is not contain

External dimensions

(Unit:mm)

Typical Data

