



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

**NEW**

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 $\times$ 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	—	$\Phi 22 \times 40$ mm		projection part is not contain

External dimensions

(Unit:mm)

Typical Data

