

AN010

Mounting of PBM220 digital pressure sensor

1 Introduction

This is a brief guideline of mounting PBM220 in water resistant application.

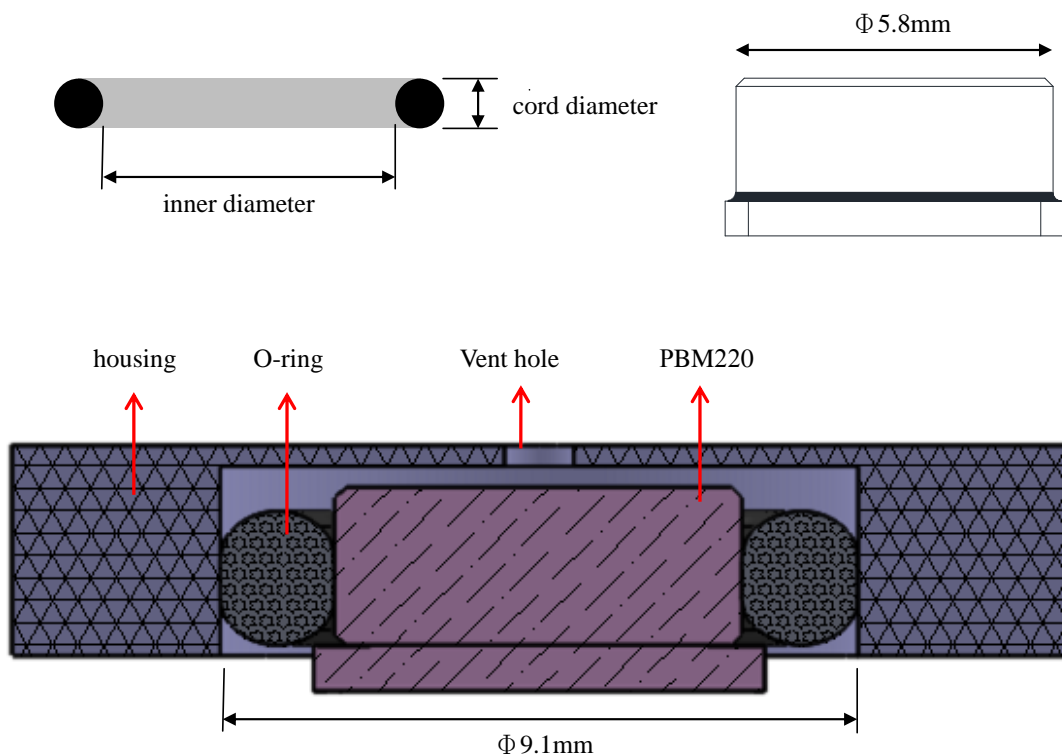
2 Mounting example

For water resistant application, this is a common method to using an o-ring sealing between pressure sensor and product housing. There is an example to show how to do it as following. This example is just a guideline for mounting pressure sensor. Sensor users have to do detailed tests to verify their design according to specific application conditions.

O-ring spec: JIS B 2401 P6, inner diameter (I.D.) 5.8mm, cross-section (C.S.) 1.9mm

O-ring material: NBR

O-ring grease: PFPE (DuPont Krytox)



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3 Document history and modification

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