

Water Pressure Sensor/Transmitter

(SWPSS 04-N)

PRODUCT SPECIFICATION SHEET



FEATURES

- Linearity out put(V)
- No-contact
- Excellent durability
- Reasonable price, etc..

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APPLICATION

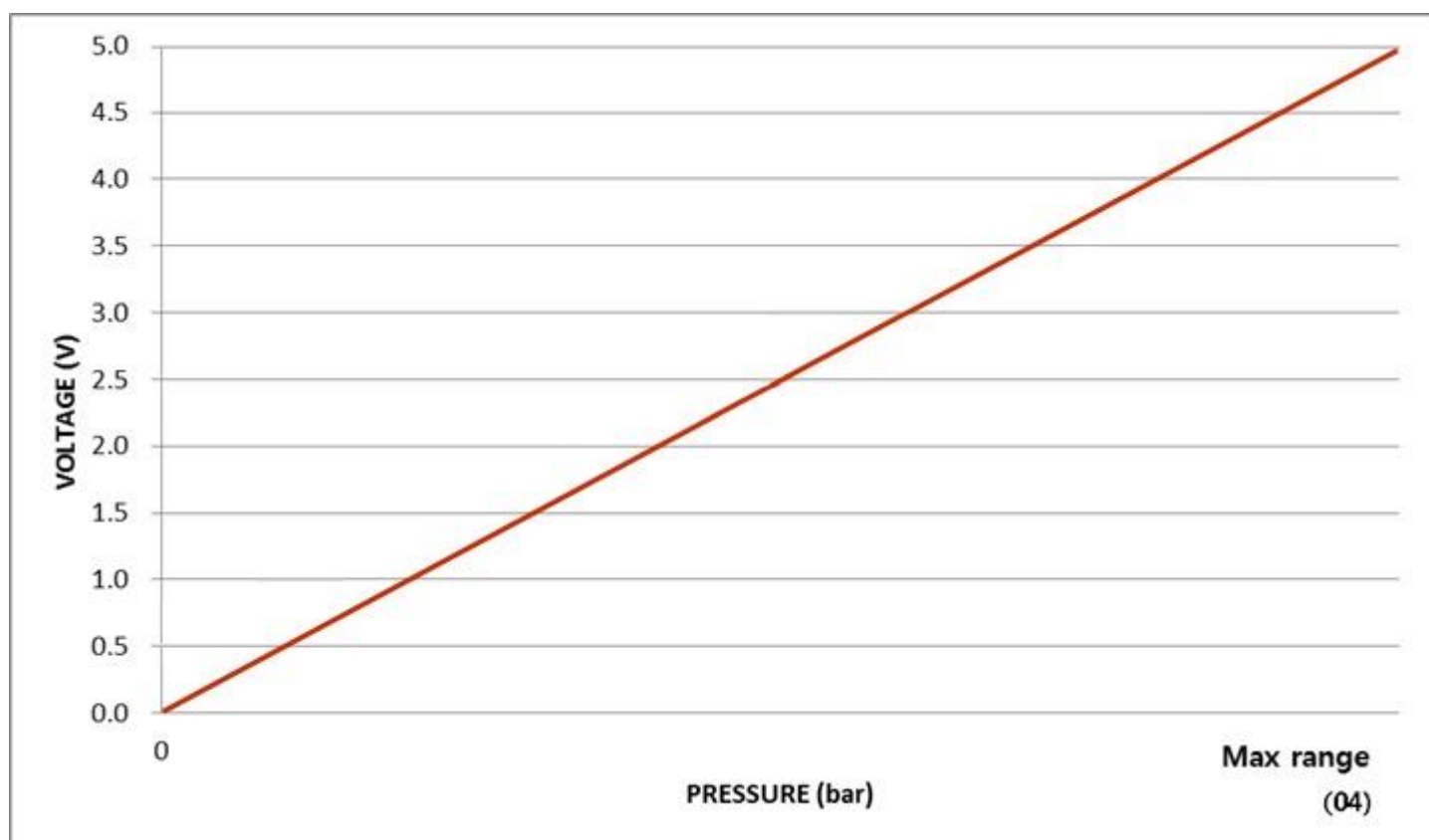
This sensor is usually used in Home-Gas Boiler, piping devices and so on.

SPECIFICATION

Medium	air or water
Pressure range	0 ~ 4 bar(This can be changed by an orderer)
Rupture pressure	10 bar
Materials in contact with medium	- Cover : PA66(GF 30%) - Sensor : Hall
Rubber	- EPDM : Air, Water
Temperature	- Medium and ambient : 0 ℃ ~ 85 ℃ (It shall not be frozen) - Storage : -30 ℃ ~ 80 ℃ - Rupture : 95 ℃
Power supply	- DC 5V
Output	- DC 0.5 ~ 4.5V (standard) / DC 0 ~ 5V (It Cn be changed by customer' request)
Current consumption	less than 15mA

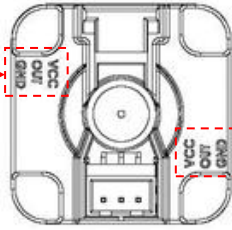
Pressure connection	PF 1/4" or Plug connector (Refer to Dimension)
Electrical connection	YEONHO, SMH250-03
Installation Direction	Free
Protection standard	IP 00
Accuracy	± 3.0 (% F.S) (Included hysteresis value)
Life Cycle	On / Off : 5 Sec – 100,000 Cycle

OUTPUT

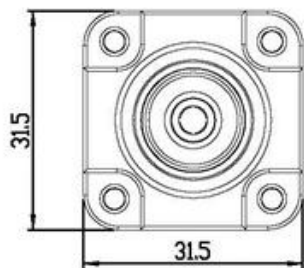
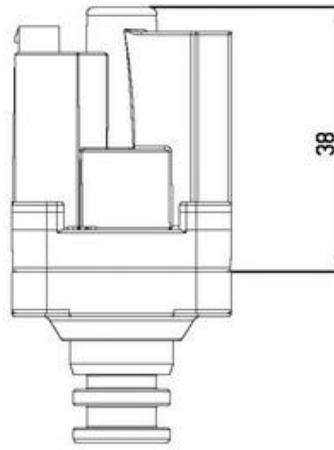
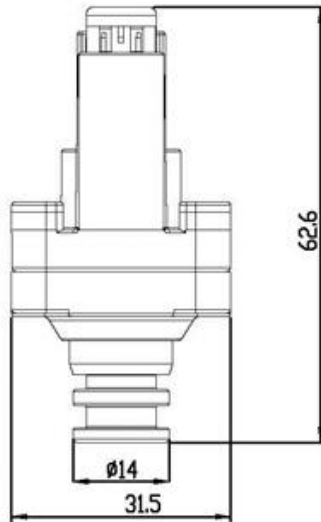
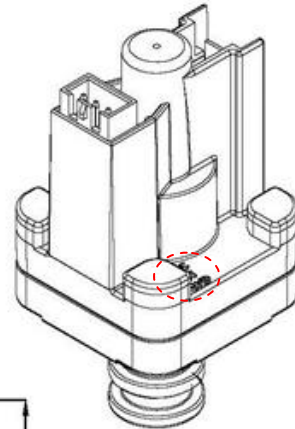


DIMENSION

SWPSS 04-N HL
(High – Low type)



SWPSS 04-N
(Linear)



WIRE : UL1007 TYPE, 26AWG
HOUSING : SMH-250-03, YEDNHD
TERMINAL : YST025 YEDNHD

Pin NO.1 BLACK
Pin NO.2 WHITE
Pin NO.3 RED



The specifications and dimensions can be changed without warning.