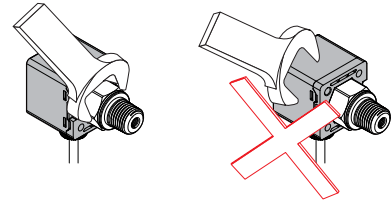


## ■ PANEL DESCRIPTION



## ■ INSTALLATION PRECAUTIONS

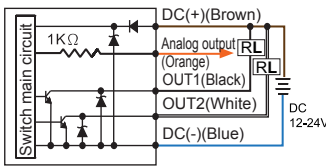
- When mounting, always use the wrench on the metallic area near the pressure port. Never apply a wrench to the plastic body, it will damage the sensor.
- Over tightening may cause damages to the port thread, mounting bracket and pressure sensor. Under tightening may result loosen or leakage.
- Apply pressure and power after installation and make necessary adjustments and inspect any possible signs of leakage to ensure proper installation.



## ■ OUTPUT CIRCUIT WIRING DIAGRAMS

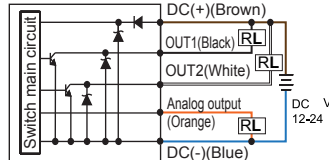
### AP50 □ - 010 - □

2 NPN + Analog Output(1~5V)



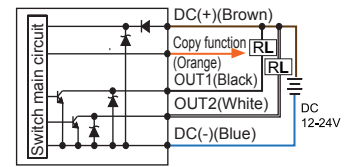
### AP50 □ - 011 - □

2 NPN + Analog Output(4~20mA)



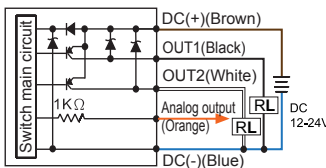
### AP50 □ - 02 - □

2 NPN + Copy Function



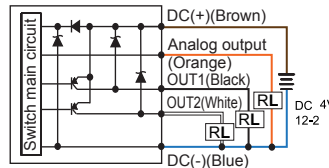
### AP50 □ - 030 - □

2 PNP + Analog Output(1~5V)



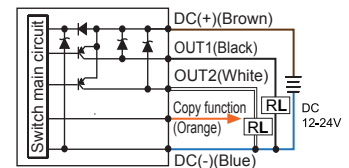
### AP50 □ - 031 - □

2 PNP + Analog Output(4~20mA)



### AP50 □ - 04 - □

2 PNP + Copy Function



## ■ ORDERING INFORMATION

# A P 5 0 H - 0 1 0 - F 1

### Pressure Range

- H : High (-0.050 ~ 2.00 MPa (-7.3 ~ 290 psi))
- C : Compound (-101.0 ~ 101.0kPa (-14.50 ~ 14.5 psi))
- V : Vacuum (10.0 ~ -101.3kPa (1.45 psi ~ -29.9 inHg))
- P : Positive (-0.050~1.000MPa (-7.3~ 145.0 psi))

### Output Specifications

- 010 : 2 NPN Output & Analog Output(1~5V)
- 011 : 2 NPN Output & Analog Output(4~20mA)
- 02 : 2 NPN Output & Copy Function
- 030 : 2 PNP Output & Analog Output(1~5V)
- 031 : 2 PNP Output & Analog Output(4~20mA)
- 04 : 2 PNP Output & Copy Function

### Pressure Port

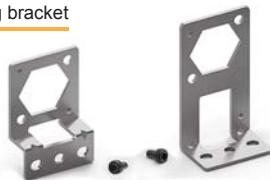
- F1 : R 1/4", M5
- F2 : NPT 1/4", #10-32UNF
- F3 : G 1/4"(BSPP), M5

### Optional Parts

- BT-10 : Mounting bracket
- BT-11 : Mounting bracket
- PA-E : Panel adapter
- PA-F : Panel adapter + Front protective lid

## ■ Optional Parts

### Mounting bracket



■ BT-10 ■ BT-11

### Panel adapter



■ PA-E

### Panel adapter + Front protective lid



■ PA-F