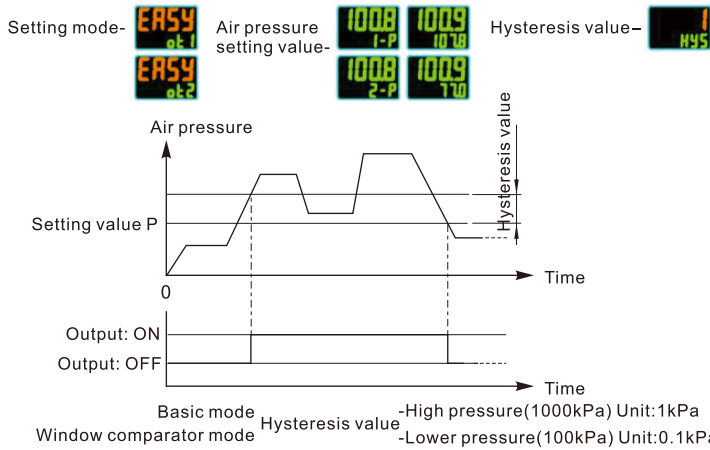


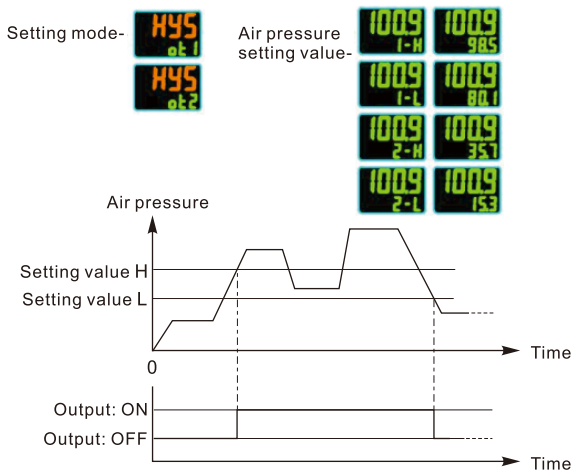
## DPS Series digital display pressure switch

### Output mode

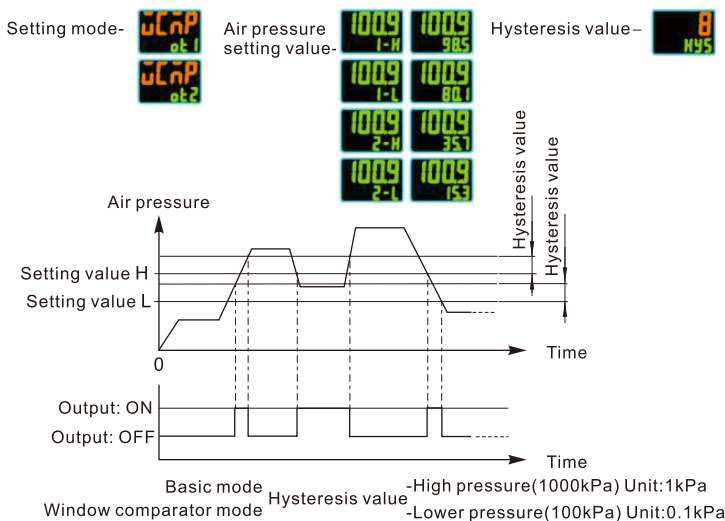
- Basic mode:** Air pressure setting value 'P'. When air pressure large then (Setting value P+Hysteresis value), the output is 'NO' □ When air pressure less than setting value 'P', the output is 'OFF'.



- Hysteresis mode:** Air pressure setting value 'H/L'. When air pressure large then setting value 'H', the output is 'NO' □ When air pressure less than setting value 'L', the output is 'OFF'.

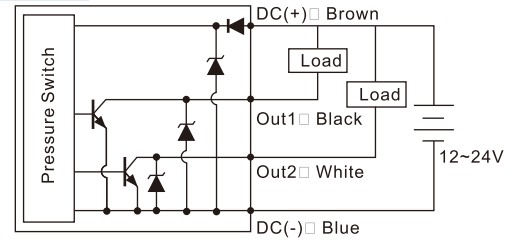


- Window comparator mode:** Air pressure setting value 'H/L'. When air pressure large then value 'H' or less than value 'L', the output is 'OFF' □ When air pressure large then value 'L' and less than value 'H', the output is 'ON'.

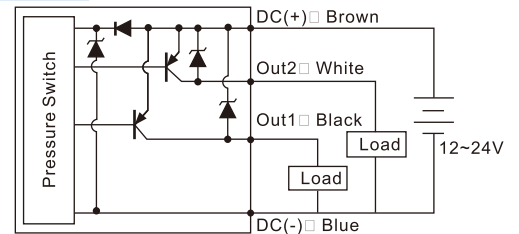


### Connection Example

#### NPN Output



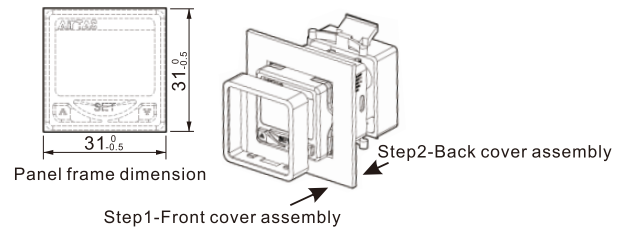
#### PNP Output



### Dimensions/Assembly Instruction

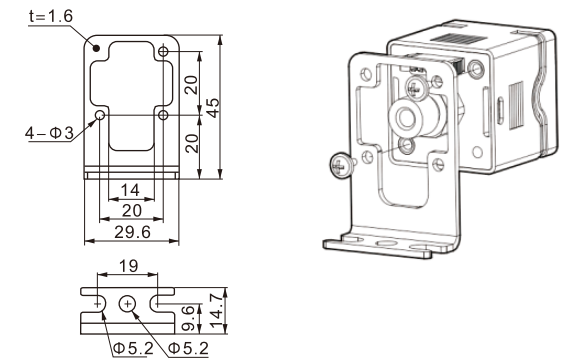
#### Panel mount adapter + Front protective cover

Order the Install accessories (Ordering code: F-DPSEB)



#### Bracket

Order the Install accessories (Ordering code: F-DPSLB)



### Notes

- Do not drop · knock or apply excessive impact while handling. Otherwise could cause damage and a malfunction.
- The tensile strength of the cord is 60N. Applying a greater pulling force on it can cause a malfunction.
- Do not exceed the screw-in torque of 7N.m when installing piping. Exceeding this value may cause malfunctioning of the sensor.
- Do not use it with corrosive and/or flammable gases or liquids.
- Please use it within rated pressure range.
- Turn off the power before connecting the wires.
- Don't use in an environment with spattering liquid of oil or solvent.
- Separate power lines from high voltage lines, avoiding wiring in the same conduit with these lines.