# SERIES

# **Tunable Hystersis Sensor**

#### **Features**

- 1 output ( hysteresis adjustable )2 outputs
- Easy installation
- Response time: less than 5 ms









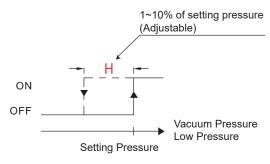


### Features Highlight

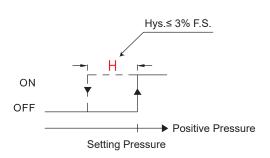
### 1 Hysteresis Adjustable

Output hysteresis (H) is user adjustable

KP1- □ - 01, 02

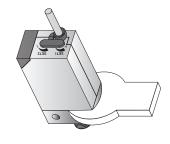


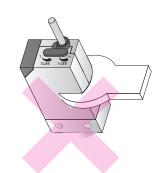
KP1 - □ - 03



### Installation Precautions

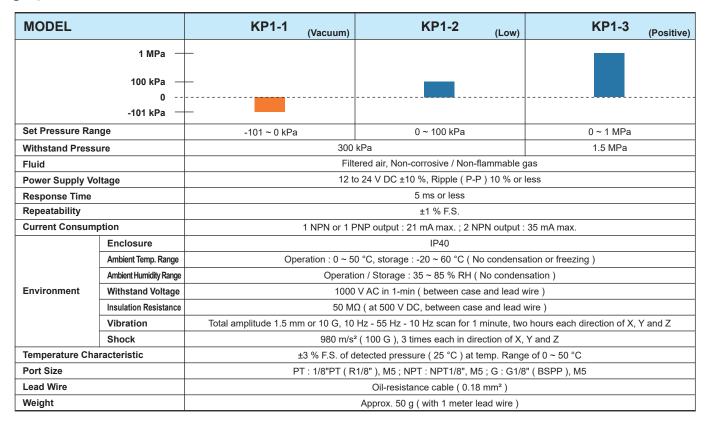
- When mounting, always use the wrench on the metallic area near the pressure port. Never apply a wrench to the plastic body, it will damage the sensor.
- Over tightening may cause damages to the port thread, mounting bracket and pressure sensor. Under tightening may result loosen or leakage.
- Apply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



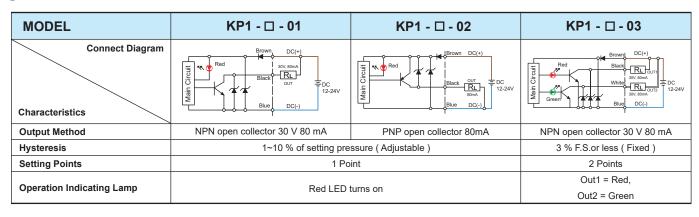




### **Specifications**



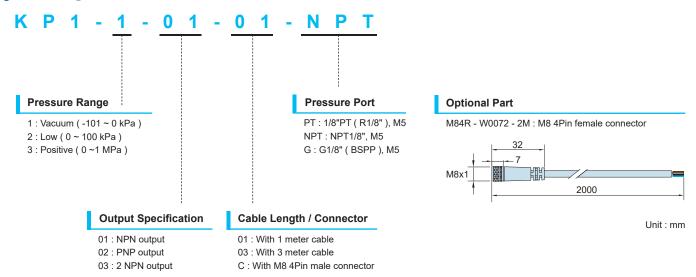
### Circuit Wiring Diagrams



# **SERIES**

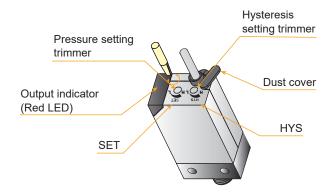
# **Tunable Hystersis Sensor**

### Ordering Information

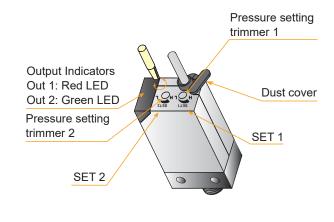


#### How To Set Pressure

- 1 KP1 □ 01, 02
  - Remove dust cover to make any adjustments. Replace dust cover when finished to prevent foreign object from entering.
  - Pressure setting trimmer (SET) is for setting the output (ON) pressure. Rotate SET trimmer counter-clockwise to increase (Pressure or Vacuum) the ON point. Rotate clockwise will decrease the setting pressure.
  - Hysteresis setting trimmer (HYS) is for changing the hysteresis. Rotate trimmer counter-clockwise to increase the range 1 ~ 10 %.
  - Use appropriate size screwdriver for the setting trimmers. Gently turn the screwdriver to make adjustments. Do not force the trimmer when it comes to a stop to prevent damage to the setting trimmer.



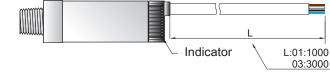
- 2 KP1 □ 03
  - Remove dust cover to make any adjustments. Replace dust cover when finished to prevent foreign object from entering.
  - Pressure setting trimmer (SET 1, SET 2) is for setting the output (ON) pressure. Rotate SET trimmer counter-clockwise to increase (Pressure or Vacuum) the ON point. Rotate clockwise will decrease the setting pressure.
  - Hysteresis for models with two outputs is 3 % fixed.

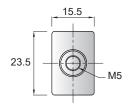


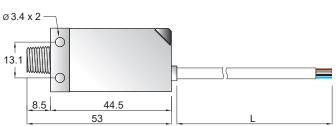


## **Dimensions**

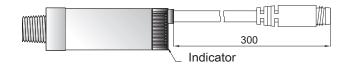
### KP1 - □ - □ - □

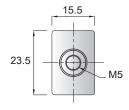


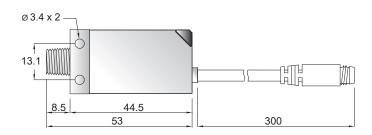


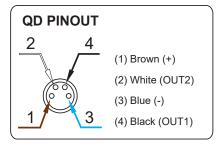


#### KP1 - □ - C - □









Unit : mm