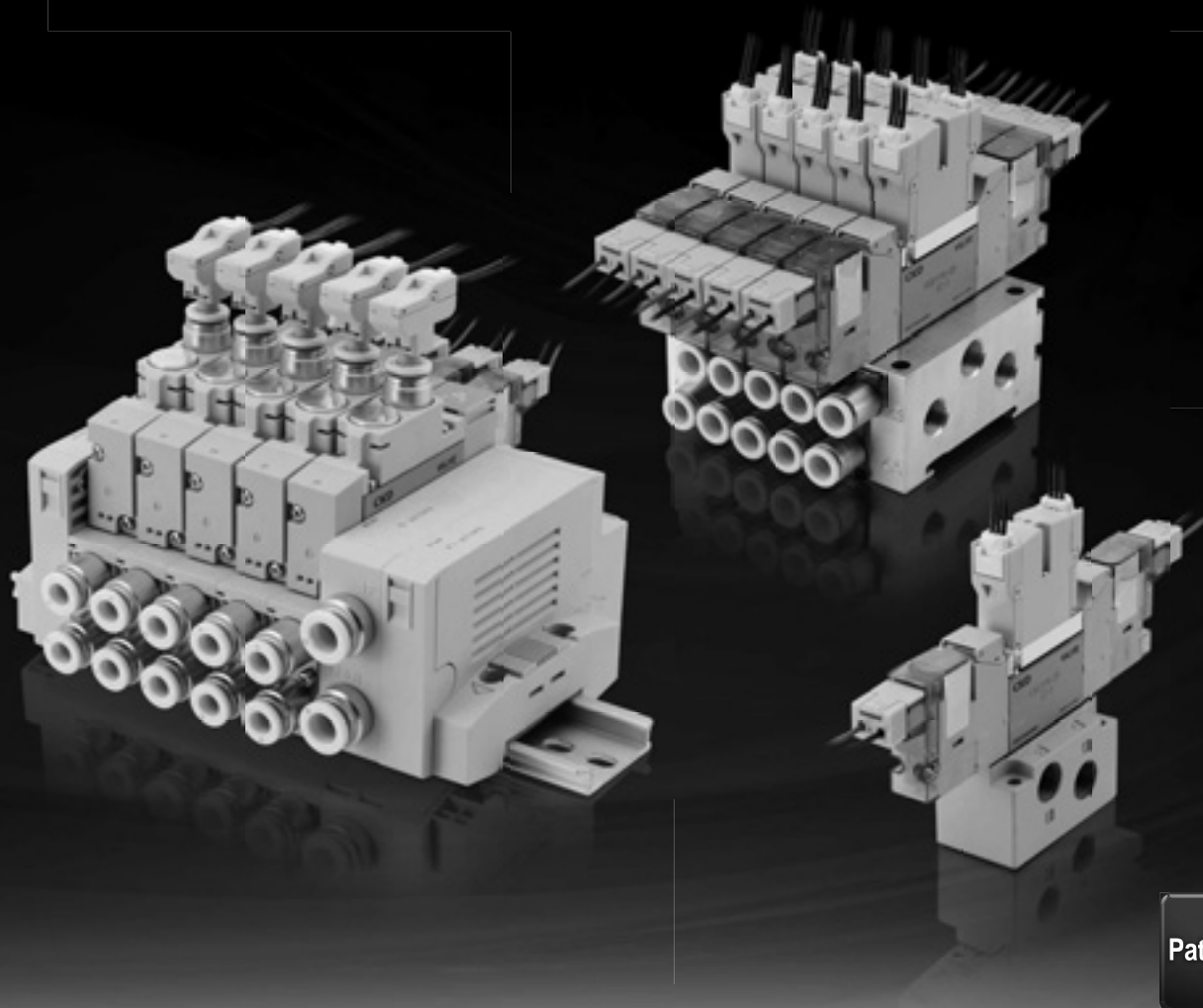


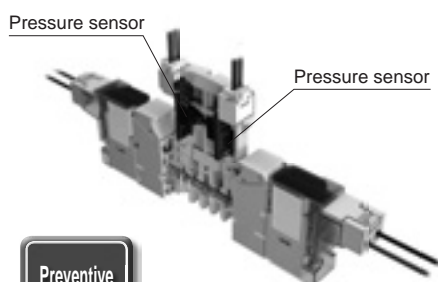
# Visualization of changes.



Patented

## Applications

- › Detects abnormal operation of the secondary pressure after the valve through output monitoring of the sensor.
- › Alternate operation confirmation for actuators in strong magnetic fields or explosive atmospheres.
- › Alternate operation confirmation for cylinders installed in moving parts.

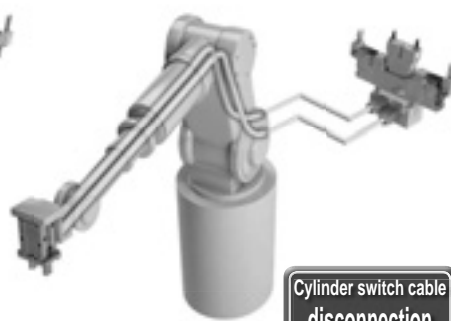


Preventive maintenance

Monitors pressure changes in ports A and B



Explosion-proof



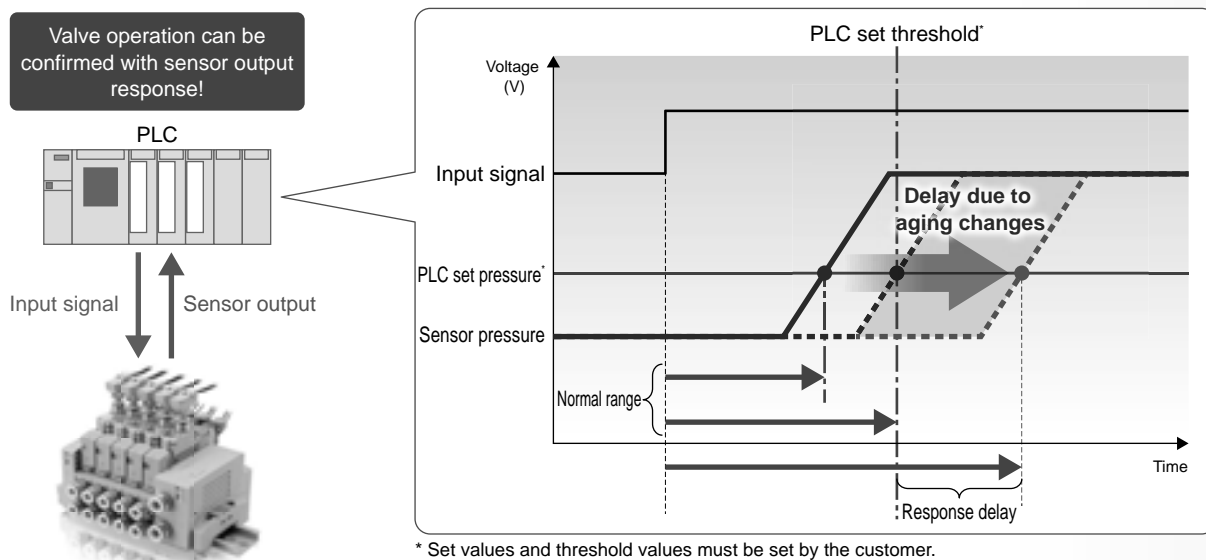
Cylinder switch cable disconnection countermeasures

## Sensor use examples

### Valve operation detection examples

Response time from input signal of the valve to set pressure can be monitored by PLC.

When the response time exceeds the set threshold, it recognizes that the valve operation is abnormal.



## Variation

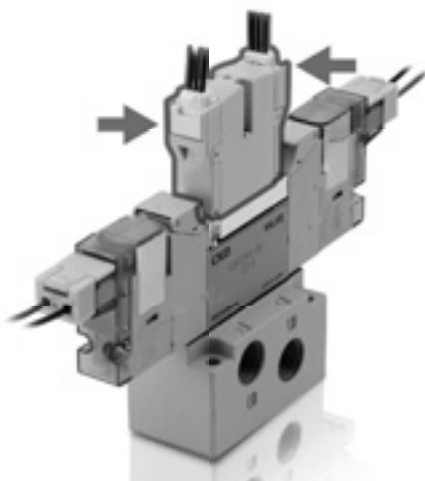
### 1-port detection

Ideal for single and double operation detection.



### 2-port detection

Ideal for operation detection for two 3-port valve integrated types and 3-position types.



## Connector wiring

Wiring uses a connector. Easily replaced during maintenance.



## Single unit compatible

Pressure sensor can also be purchased as a single unit.



\* Combination with a push-in fitting (tee, etc.) enables use as a piping pressure sensor.

Discrete sensor model No.

**PPEV - P10A - H4-B**

Model No.

Pressure range

P10A	0 to 1.0MPa
V01A	-100 to 0kPa

Port size

H4-B	ø4 mm plug
H6-B	ø6 mm plug
M5	M5

\* Refer to the PPEV-□ A Series pages in "Pneumatic, Vacuum and Auxiliary Components (catalog No. CB-024SA)" for details on the pressure sensor.