

Proposal for **Condensation Checker** Installation

Condensation checker PSH Series

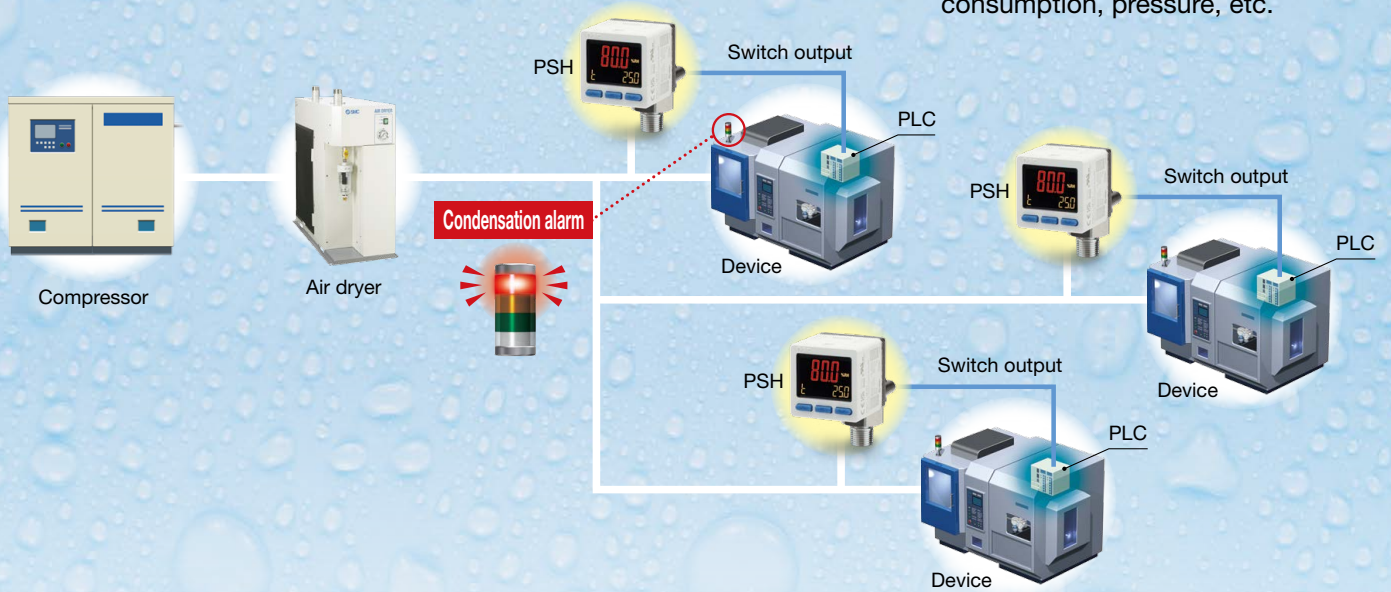
- Increase in moisture due to lowered pressure
- Rise in ambient temperature in summer
- Lack of proper air quality management
- Reduced performance due to long-term use
- Increased flow consumption due to the addition of new equipment

• Visualization of air humidity

Visualization of dehumidification status and dryer performance

• Factory air humidity management

Management of humidity changes due to changes in season, flow consumption, pressure, etc.

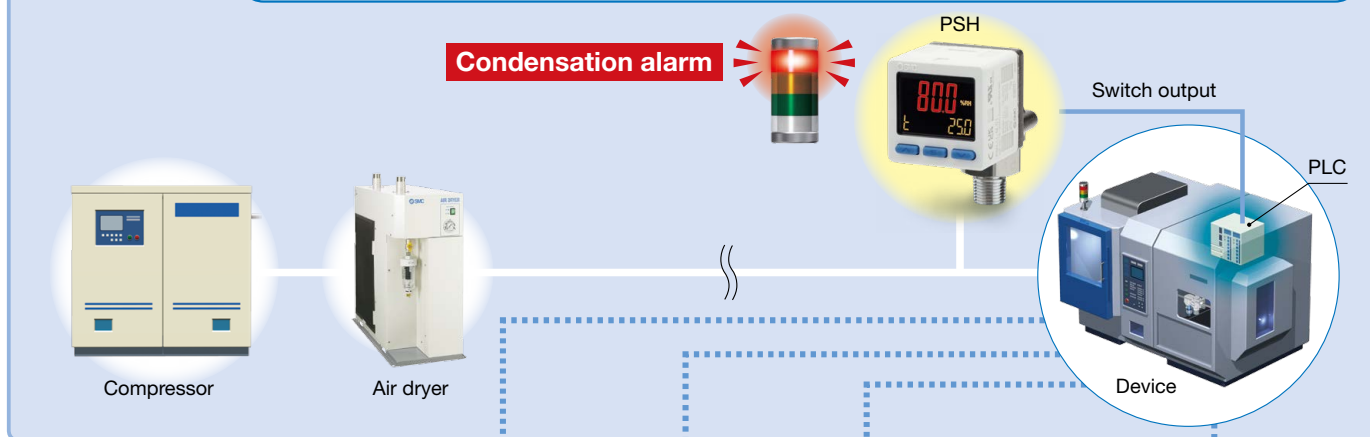


Condensation is detected. → Consider air dryer installation, maintenance, or replacement.

Maintenance	Additional device installation	Size upgrade	Replacement
			<p>See here for IDF/IDU details.</p>

The piping distance is long. → Be careful of condensation at the end!

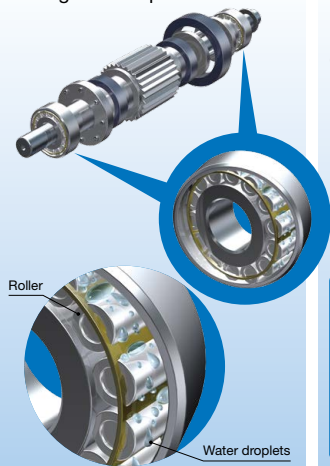
Install a condensation checker just before where air blow/purge is performed to check the air for moisture.



• Machine tools

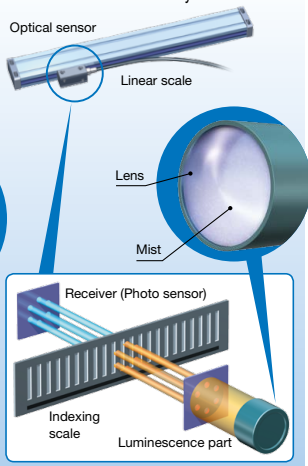
For bearing oil air control

Prevents bearing seizure and damage due to poor lubrication



For linear scale purge air control

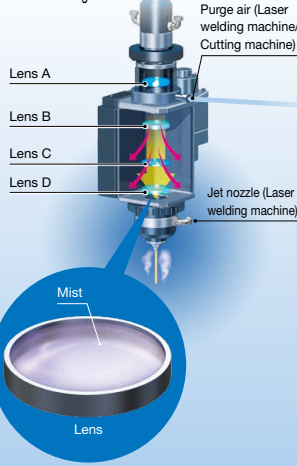
Reduces optical sensor lens contamination and measurement accuracy failure



• Laser related equipment

For machining head purge air control

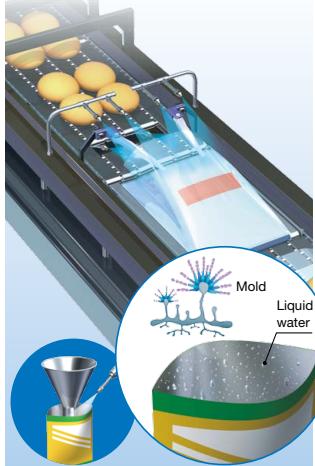
Reduces laser machining head lens contamination and machining defects



• Food processing machines

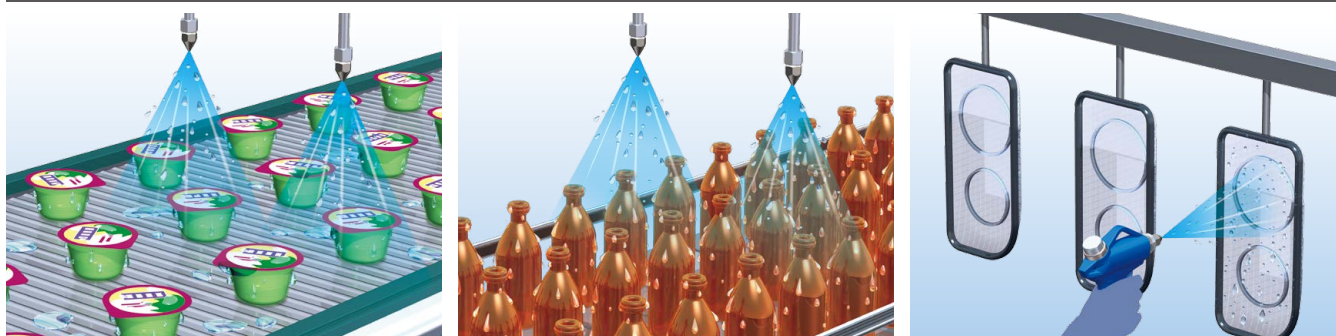
For the control of blow air when opening packaging bags

Reduces mold generation due to water contamination



• A solution to condensation, water droplet, and humidification problems in general pneumatic circuits!

For when water droplets adhere to workpieces due to air blow



⚠ Safety Instructions Be sure to read the "Handling Precautions for SMC Products" (M-E03-3) and "Operation Manual" before use.