



Pressure Relief Valve - Diaphragm Type

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FEATURES / CHARACTERISTICS

Protect the Detectors in Analytical Instruments from the Abnormal Pressure of Chemicals and Samples

- It uses a diaphragm structure with only highly inert wetted materials such as PTFE, PPS, and FFKM and can handle severe media with strong acids and strong alkalis.
- The valve opens, and the media flows to the secondary port when the primary pressure exceeds the relief pressure, preventing the flow channel from rising further.
- Low cost with no pressure sensor required. Further cost reduction is possible after using molded parts.
- Installs directly on the piping system (flow-through structure), eliminating the dead volumes created by branch piping to relieve pressure.

For more details or customization questions about this pressure relief valve, don't hesitate to get in touch with us for information.

Note: Details such as specifications, etc., may be changed without notice.

SPECIFICATIONS

Model Number	Relief Valve
Relief Pressure	100–1,000 kPa *1
Port Connection	M6, 1/4-28UNF, or Push-in Fitting *2
Orifice (mm)	φ1.0 mm
Body Material	PPS (Optionally PEEK)
Seal Material	FFKM
Other Wetted Materials	PTFE
Notes	<p>Note: Details such as specifications, etc., may be changed without notice.</p> <p>*1: Relief pressure is customized and preset for each model and is not adjustable. Relief free to contact us about our customization options.</p> <p>*2 When using a push-in fitting, the wetted materials are only PTFE, PPS, and FFKM.</p>

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