

Orifice

Model Type: OF

Instruction Manual

<Product Overview>

Application

Semiconductors, chemicals, chemical industry

Feature

- Wetted part made from excellent anti-corrosive fluorine resin so it can be used for various types of chemical fluid.

<Before You Use>

Warning

Confirm the compatibility of the type of fluid to be used and the material of the part in contact with fluids before using this product.
Before using this product, carefully read this instruction manual to learn the correct usage of this product.
Keep this manual at hand to see it any time you need.
Follow the correct usage of this product specified in this manual.
Fully understand and comply with the statements of warning described in this manual.

<About Instruction Manual>

The information described in this manual is subject to change without prior notice, due to improvements of product in performance and/or functionality.
No parts of this manual may be reproduced or utilized in any form or by any means.
Please download from our homepage when you lose this manual.
Every effort was made to ensure that all information included in this manual was complete and accurate at the time of printing. However, if you have any point of doubt, errors, or omissions, please contact Surpass Industry.

Important Safety Instructions

<About Marks Used>

The meanings of the marks are described as shown on the right.



Warning

Indicates the presence of an imminently hazard that, if not avoided, will cause death or severe personal injury.

1. Specifications

Applicable fluid: Liquids (D.I.water and chemicals)
Operating fluid temperature: 5 to 80°C
Operating environment temperature: 0 to 60°C
Wetted parts: PTFE, PFA, Various type of O-ring

2. Piping and Use

For products with flow directions indicated on, confirm the directions of flow.
Attach a fitting to the connector(s). For the tightening of the fitting, refer to the catalog or manual of the manufacturer.

Warning

Secure the nuts correctly as instructed by the manufacturer of the fitting.
Connect a fitting of the size conforming to the fitting specifications. Otherwise, liquid leakage may occur.
When a direction of flow is indicated, confirm the direction of the arrow () for correct IN/OUT.
Regularly check the fitting for no leakage. If there is leakage found, tighten it more or take an appropriate measure according to the instructions on the catalog or manual of the manufacturer.
This product is precision equipment. Never disassemble or modify it. An impact to it, e.g., by a fall, may cause the product to malfunction.

3. Warranty

The warranty runs for one year after the day when Surpass Industry products are delivered from Surpass factory in Japan. In case Surpass Industry should agree in writing that the defects in performance or material were caused by faulty design or workmanship of Surpass Industry, replacement products will be supplied free of charge. This warranty shall not be applied to any defects caused by misuse, alteration, neglectful treatment, and neglect of our recommendations or instructions.

In addition, we are not be liable to any direct or consequential loss, damage, and personal injury due to an unauthorized usage in combination with other products and an improper usage outside of the specifications. Our product warranty shall be limited to replacement of product.

Replacement with expense to the purchaser shall be applied to the followings:

- Any defective products caused by usage that is not described in the Instruction Manual.
 - Any defective products caused by neglectful treatment.
 - Any defective products caused by decomposition, alteration, and improper adjustment or repair.
 - Any defects of products caused by acts of God including natural disaster or fires.
- Consumables and accessories.

<Call to:>

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