**Quick connect couplings for medium pressure**

**SP CUPLA Type A PV Type**

**With Purge Valve**

**Equipped with residual pressure eliminating valve (up to 1 MPa)**

Smooth connection even when there is residual pressure when connecting.

No residual pressure eliminating operation required on your piping. Just connect to purge the remaining pressure.

**Mechanism**

The purge valve is pressed (the red part in the picture) and completes the connection by releasing the residual pressure.

**Before Connection**

Use the SP CUPLA Type A PV on the line where the residual pressure remains, and use the standard SP CUPLA Type A for the counterpart.

It does not operate when both sides are SP CUPLA Type A PV Types.

**During connection**

The purge valve opens and the residual pressure starts to release.

**After connection**

The residual pressure is fully released and the connection is complete.

**Components**

- Stainless steel
- Brass

**Purge Valve**

**Socket**

**Plug**

**Residual Pressure**

The picture shows residual pressure on the plug side.

**Products Comply with RoHS Directive**

**SP CUPLA Type A PV Type**
Specifications

Body material: Brass, Stainless steel (SUS304)

Table: The table contains the models, application, working pressure, and dimensions.

Min. Cross-Sectional Area

Table: The table contains the models, size (thread), and dimensional information.

Suitability for Vacuum: May vary depending upon the usage conditions.

Table: The table contains the models, size (thread), and dimensional information.

Admixturence of Air on Connection: May vary depending upon the usage conditions.

Table: The table contains the models, size (thread), and dimensional information.

Volume of Spillage on Disconnection: May vary depending upon the usage conditions.

Table: The table contains the models, size (thread), and dimensional information.

Flow Rate - Pressure Loss Characteristics

Graph: The graph shows the flow rate in L/min against different pressure losses in MPa.

Safety Guide

This product can be connected under residual pressure, but do not connect under dynamic pressure applied. It may lead to incomplete connection, deteriorated durability or possible valve fly out. Read without fail and observe the "Instruction sheet" that comes with the product and the following pages in the general Quick Connect Coupling Catalog; [Precautions Relating to the Use of All Cuplas] and "Cupla for Low Pressure (Water, Liquid) and for Medium Pressure" in the [Safety Guide] page.

Interchangeability

Different size socket and plug cannot be connected to each other. Interchangeable with SP-CUPLA Type A and SP-V CUPLA in the same size.

Table: The table contains the models, application, mass, and dimensions.

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