

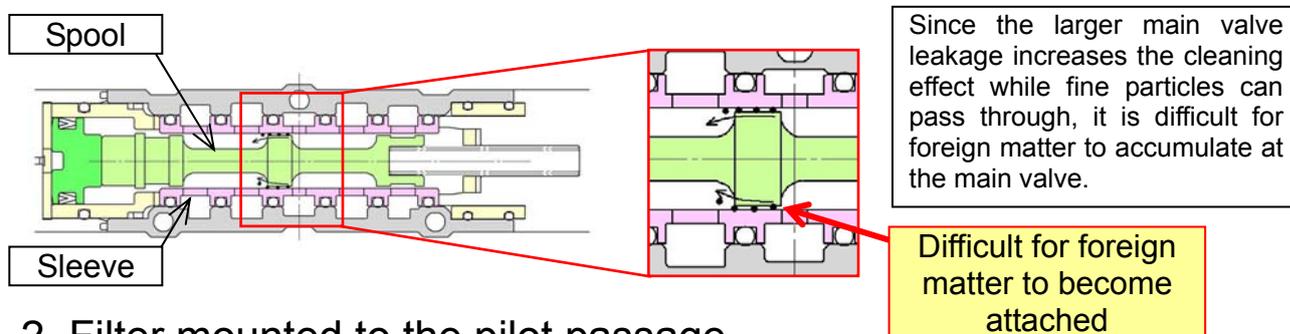
5 Port Solenoid Valve for chemical pumps
**Improved foreign matter resistance specifications/
VQ4000/5000-X68 (Metal seal type)**

SMC CORPORATION
4-14-1, SOTO-KANDA, CHIYODA-KU,
TOKYO 101-0021, JAPAN
URL: <http://www.smcworld.com>

- **Features:** Best for driving chemical pumps
 - ⇒ High frequency and long life for use in driving chemical pumps
 - ⇒ The metal seal type improves resistance against foreign matter generated on the pump side.

1. Widened clearance of the main valve

Cleaning effect prevents a main valve from sticking (spool and sleeve).



2. Filter mounted to the pilot passage

Prevents foreign matter from entering the pilot valve

3. Wire mesh mounted to the air passage (P, A, B ports)
(in the case of Sub-plate Type)

Prevention of foreign matter from entering the valve from the inlet and outlet sides

■ Specifications:

This has a larger main valve leakage than the standard product (Table 1). Confirm the operating conditions for selecting this type. Items other than the main valve leakage and the contents mentioned in Features remain the same.

Table 1: Leakage from each valve

	Leakage from each valve (at 0.5 MPa)
VQ4000/5000-X68	300 to 1,500 cm ³ /min
Standard product (Reference)	50 to 180 cm ³ /min

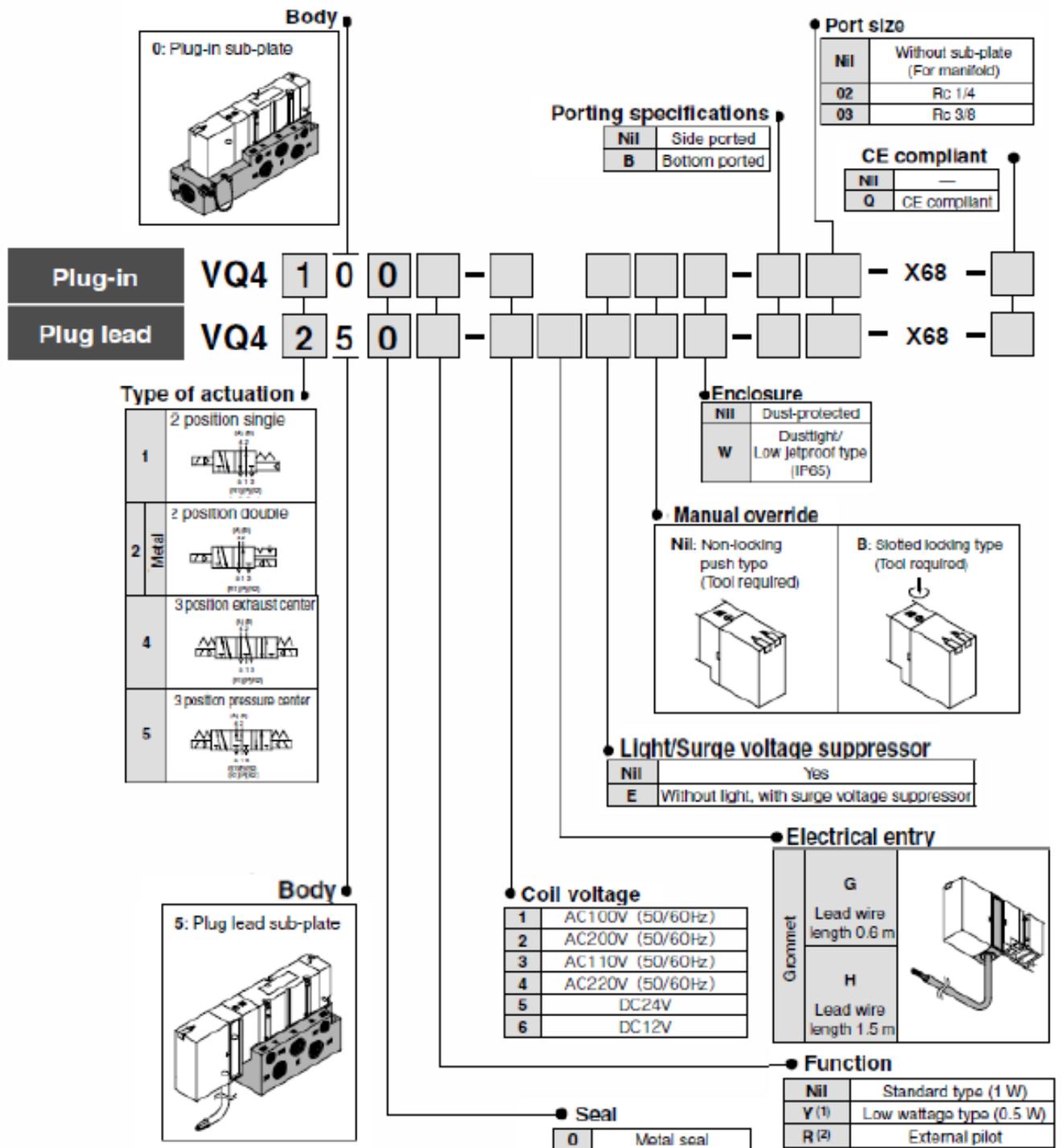
* In regard to the single type of the VQ4000 model, leakage on the R2 side is 300 to 3,000 cm³/min. due to the air return construction.

■How to order :

- Add “-X68” to the end of the part number of the valve.
- Type of actuation: 2 position single, 2 position double, 3 position exhaust center, 3 position pressure center types are available.

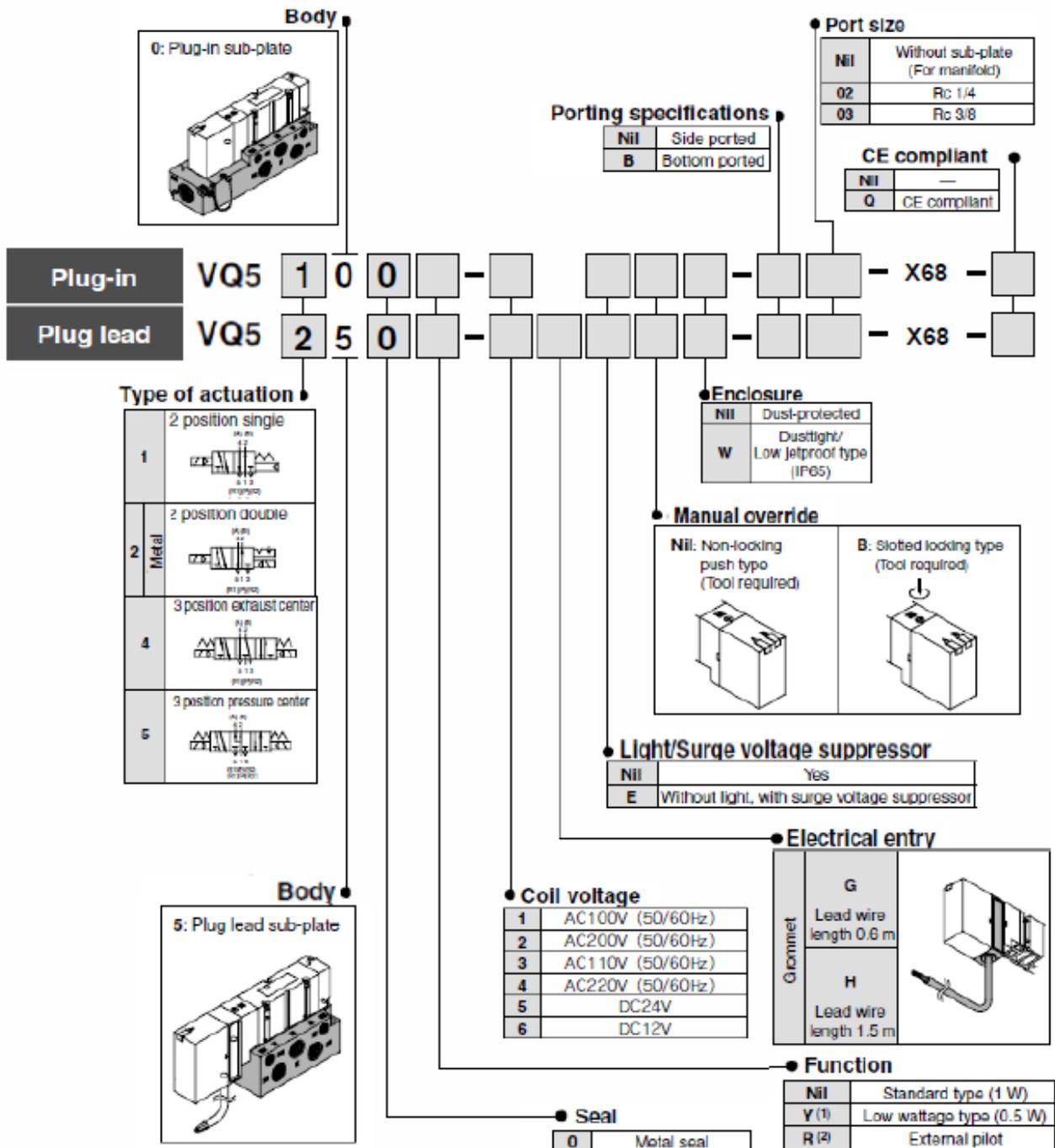
* Rubber seal and 3 position closed center types are not applicable.

VQ4000-X68



Note: Applicable to the DC specifications

VQ5000-X68



Note: Applicable to the DC specifications

■ Dimensions : mm

The dimensions are the same as the dimensions of the standard product. Refer to the Best Pneumatics catalog for further details.

Note 1: Refer to the catalog and operation manual for the detailed specifications.

Note 2: Screws will be included for each valve.

Caution To ensure the safest possible operation of this product, please be sure to read thoroughly the "Safety Instructions" in our "Best Pneumatics" catalog before use.