

# Series VZS2000/3000

## ⚠ Precautions

Be sure to read before handling. For Safety Instructions and Solenoid Valve Precautions, refer to page 3-13-2.

### 1. How to Use Non Plug-in Type and Plug Connector

#### ⚠ Caution

##### Attaching and detaching connectors

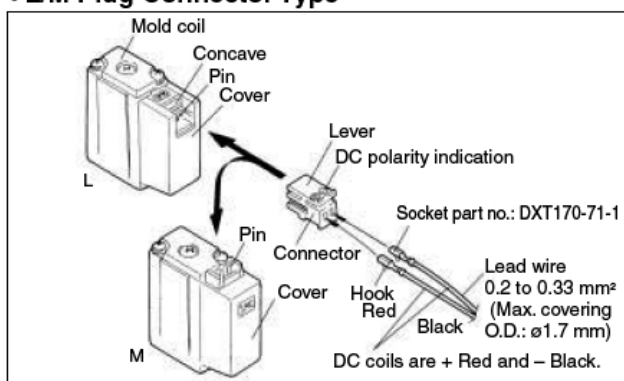
###### 1. Attaching

To attach a connector, hold the lever and connector unit between your fingers and insert straight onto the pins of the solenoid valve so that the lever's pawl is pushed into the groove and locks.

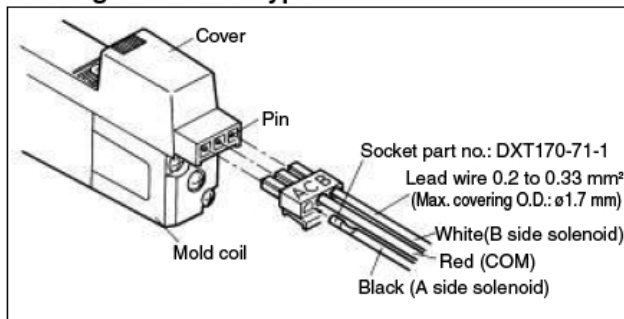
###### 2. Detaching

To detach a connector, remove the pawl from the groove by pushing the lever downward with your thumb, and pull the connector straight out.

##### ● L/M Plug Connector Type



##### ● K Plug Connector Type



##### L/M plug connector assembly

**DXT170-80** — [ ] — **A** — [ ]

| Lead wire color |                       |                   | Lead wire length |                       |
|-----------------|-----------------------|-------------------|------------------|-----------------------|
| Symbol          | Lead wire with socket | Note              | Symbol           | Lead wire length (mm) |
| Nil             | Socket only (2 pcs.)  | Without lead wire | Nil              | 300                   |
| 1               | Blue (2)              | For 100 VAC       | 6                | 600                   |
| 2               | Red (2)               | For 200 VAC       | 10               | 1000                  |
| 3               | Gray (2)              | Another VAC       | 15               | 1500                  |
| 4               | Red: +, Black: -      | For DC            | 20               | 2000                  |
|                 |                       |                   | 25               | 2500                  |
|                 |                       |                   | 30               | 3000                  |

Note) When ordering a valve in which the length of the wire is more than 600 mm, be sure to indicate the model number of valve without connector and connector assembly.

Ex.) For lead wire length (1000 mm)

VZS3150-5MO-02....3 pcs.

DXT170-80-4A-10....3 pcs.

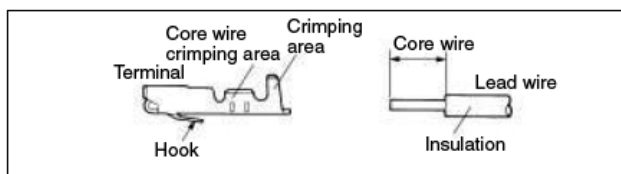
##### K plug connector assembly

**AXT170-30** — [ ] — **A** — [ ]

| Number of solenoid |   |                             | Lead wire length |                       |
|--------------------|---|-----------------------------|------------------|-----------------------|
| Symbol             | Lead wire with socket   | Note                        | Symbol           | Lead wire length (mm) |
| Nil                | Socket only (3 pcs.)  | Without lead wire           | Nil              | 300                   |
| 1                  | For single solenoid<br>Black/Red                              | In common between AC and DC | 6                | 600                   |
| 2                  | Double solenoid<br>Black: A side<br>Red: COM<br>White: B side |                             | 10               | 1000                  |
|                    |   |                             | 15               | 1500                  |
|                    |   |                             | 20               | 2000                  |
|                    |   |                             | 25               | 2500                  |
|                    |   |                             | 30               | 3000                  |

##### Crimping of lead wires and sockets

Peel 3.2 to 3.7 mm of the tip of lead wire, enter the core wires neatly into a socket and crimp it with a special crimp tool. Be careful so that the cover of lead wire does not enter into the crimping part. (Crimping tool part no.: DXT170-75-1)



##### Attaching and detaching lead wires with sockets

###### 1. Attaching

Insert the sockets into the square holes of the connector (with + and - indication) and, continue to push the sockets all the way in until the lock by hooking into the seats in the connector. (When they are pushed in, their hooks open and they are locked automatically.) Then confirm that they are locked by pulling lightly on the lead wires.

###### 2. Detaching

To detach a socket from a connector, pull out the lead wire while pressing the socket's hook with a stick having a thin tip (approx. 1 mm). If the socket will be used again, first spread the hook outward.

