

MAINTENANCE AND USE HANDBOOK

SOLENOID VALVE 2 / 2

86

USE AND INSTALLATION INSTRUCTION

USE: WATER, AIR

WORKING PRESSURE NBR 90°C EPDM 130°C FPD

INSTALLATION

Before installing valve ensure all pipework and so on is free of foreign matter (metal filling, seal material, welding scale).

Teflon tape is recommended for sealing port. Arrow on valve body gives direction.

Installation as required, but preferably with tends to prevent foreign matter remaining in pilot valve (increased life).

A strainer upstream of valve protects against effects of foreign matters.

Do not lever valve by coil unit. Pipework should be supported such that valve body is not under strain.

Ensure pilot passages in valve body are not blocked by ends of pipe, seal material and so on. Inlet and outlet of valve must be full bore and pipework unrestricted. Ensure supply voltage/frequency correspond with that on label.

Solenoid valves should be supported by the means of provided fixing holes in body or brackets when necessary rather than purely supported by the pipe work.

ELECTRICAL INSTALLATION

Before replacing a coil always check voltage frequency and code given on the label

It is essential to connect the earth pin provided on all coils

The coil may be rotated upon its axis to allow any position by loosening the upper nut and subsequently retightening it when the desired position has been achieved

Flat terminal=heart

Cable plug insert can be positioned at 40X90

Tightening torque for cable plug: 1 mm

TROUBLE-SHOOTING

Check port-connections, operating pressure and supply voltage. Ensure pilot passage in valve outlet is clear. If armature does not pull in check for short circuit or coil burnout or foreign matter impeding armature movement. A jammed armature on all versions causes coil overheating.

DISMOUNTING

Loosen 4 valve body bolts and remove upper half of body. Remove diaphragm assembly and replace damaged parts. The pilot valve can be removed after taking off the lock nut of coil unit.