GA-S02 Three-Valve Assy

Three-valve assy consists of three valves which are connected to each other, the left side is the high-pressure shut-off valve, the right side is the low-pressure shut-off valve, and the center is the balancing valve.

The three-valve assy is used in conjunction with a differential pressure transmitter to connect or disconnect the positive and negative pressure measurement chambers from the pressure source, or to disconnect or connect the positive and negative pressure measurement chambers. Proper use of the three-valve assy prevents damage to the differential pressure transmitter due to pressure overload at one end.

Specification

Material:

304 SSL: Backboard, Valve, Tube

PTFE: Seals

Nylon: Handle

PET: Label

Ambient Temperature: -20℃~60℃

Medium Temperature: -40℃~70℃

Operating Pressure: ⩽2MPa

Overpressure: 4MPa

Medium: Any Gass, air or liquid compatible with SSL and PTFE

Size: 127.5mm × 110mm x 57mm (L x W x H)

Net Weight: 560g

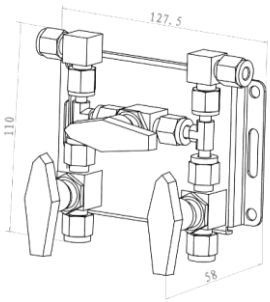
Gross Weight: 710g, including accessories and packages

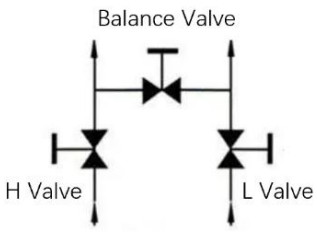
Pressure Input Port: Φ6mm ferrule fitting

Pressure Output Port: Φ6mm ferrule fitting

Suitable Tube: Φ6mm x 1mm (Thickness)

Connector: ZG1/4 Male - Φ6mm ferrule fitting





Packing list

No.	Part Name	Amount	Note
1	Three-valve Assy	1 pcs	Assembled kit
2	Connector	2 pcs	ZG1/4 Male - Φ6mm ferrule fitting
3	U-tube	2 pcs	Φ6mm x 1mm (Thickness)
4	Rowl plugs & Screws	4 pcs	M6X40mm

Installation

Backboard and bracket must be mounted on a stable wall, long-term vibration will lead to leak between tubes and connectors.

Recommend installation step：

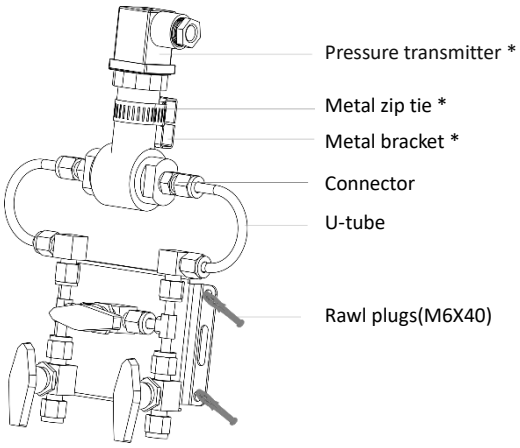
1 Fasten connector with transmitter.

2 Connect 3-valve assy output port with connector by U-tube, fasten one side then another.

3 Make 4 install marks on the wall.

4 Install Rowl plug and fix backboard and bracket.

5 Fasten transmitter with zip tie.



The items with "*" are not included in.

Ferrule fitting fasten tips:

Applying grease to the thread prevents the stainless steel from locking itself.

Marking a position as reference, screw the nut at least 3/4 to 4/4 turn or torque at 25-30Nm.

A solid wrench which has a less gap between wrenched mouth and the nut is helpful.

Before to screw the nut, insure the other connect part was fixed stably by another solid wrench at first.

Operation

Adding or removing sensor (transmitter) please follow illustration.