

BLISS AMERICAS



MJ Systems, LLC
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Product Accessories

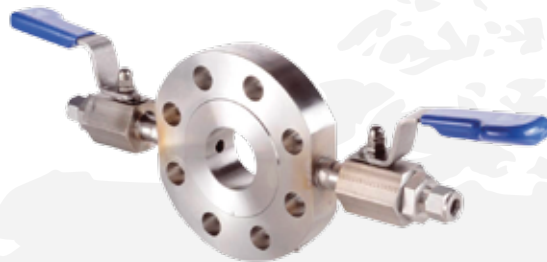
THE
SPiRiT®
TO WALK AN EXTRA
MiLE



Flushing Ring

Flushing Ring is referred to flange and chemical seals can be mounted between the process connection and the chemical seal, if process media residues / build ups / cloggs are expected at the diaphragm seal connection.

Two flushing ports allow for purging of the accumulated particles in front of the diaphragm and for ventilation of the space.



Flushing Ring with Valve

Our flushing rings are available in number of different styles and configurations. The flushing Ring is held in place by the through bolting, this allows for ease of installation and to positively locate in process control applications.

Key Highlights:

- Integral welded valves
- Easy to fit with through holes for studding
- Captive stud option
- Weld extensions gives added clearance away from chemical seal
- Available in a range of corrosion resistant alloys



Valve Assembly

We provide different type of valve assembly to Glass-Trac Reflex or Transparent Gauges or as individual gauge valve sets.

Series 10 TU Valve feature straight type body with integrated seat and Elastomer (EPDM) glass tube packing bush, with integral seat and PTFE valve.

Series 20 Valve features integrated of bonnet drop forged offset steel bodies, stainless steel trim with wide choice of connections.

Series 40 valves are designed and built to the highest standard quality features such as regrindable and renewable seat and complete rust proofed carbon steel parts assuring long trouble free services.

Series 80 Valves are designed with bolted bonnet construction.



Heat Tracing

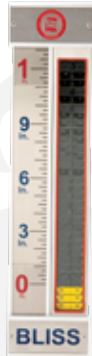
Heat tracing is used to prevent freezing of the liquid, maintain process temperature requirements or keep the process fluid temperature elevated to ensure it does not become viscous. Steam and electric heat tracing are the most common forms.

Many MLGs have steam or electric connections preinstalled to permit easy commissioning in the field or addition of heat tracing at a later date. Steam connections are standard and controlled by thermostatically-operated valves. The two common electric heat tracing configurations are the fixed-point thermostatic switch and the adjustable bulb-type thermostatic switch. Both come with a wiring harness or junction box for field wiring.



Alarm Switch

Magnetically operated Alarm Switches. Reed level switches can be added to a MLG. These switches, used to sense and/or control high, low, or high/low levels, are activated by the magnet assembly in the float. Just as the MLG float and indicator are magnetically coupled, the float and a magnetic switch couple. When the float moves up or down with the level in the vessel, the float's magnetic field, which extends through the chamber wall, opens or closes a switch.



Graduated Scale

Bliss Americas MLGs are fitted with Stainless Steel scales. The graduation on these can be customized to imperial or metric standards, or any other customer specific requirements.



Cryogenic Insulation

To facilitate operation where the product is kept cold via chillers, refrigerants and condensers, cryogenic insulation is provided. By insulating the MLG with a specialized cryogenic jacket, process temperatures can be maintained in the liquid state down to -320°F (-195°C). Acrylic frost extensions are also available which are required for cryogenic units.

Cryogenic Insulation is recommended for any gauge that is required to work below a process temperature of 36°F (2°C).



Insulation Blankets

Insulation blankets have three parts - the filler, jacket and liner. Insulation is typically a removable blanket for high temperature applications or for freeze protection.

The jacket and liners are made of weather resistant silicone cloth and sewn with fire retardant Teflon thread. For cryogenic blankets, the jacket is made of polyurethane and the liner is made of aluminum sheeting.



Illuminator

Transparent level gauge are supplied with illuminator both explosion proof and weather proof.



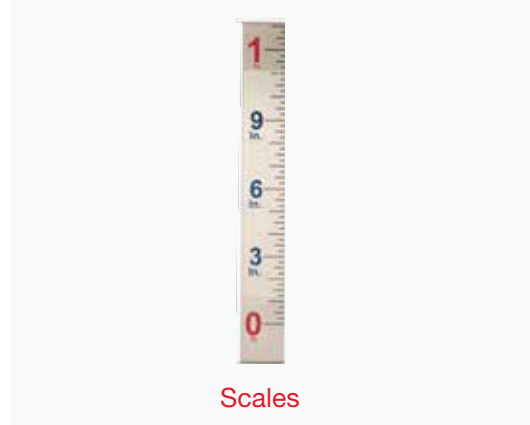
Support Brackets

Support brackets are recommended when the overall gauge length exceeds 1.5 meters.



Non-Frosting Shield

Non-frosting Shields supplied for sub zero application for both reflex and transparent type level gauges.



Scales

Metallic engraved scale can be supplied with desired graduation.



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