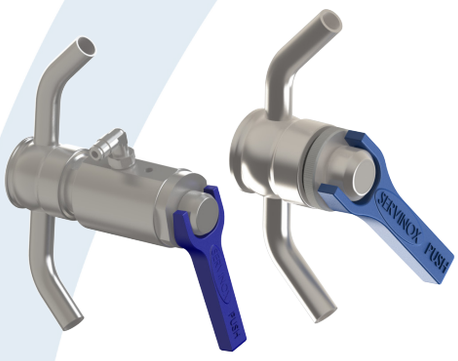
Contact:
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Gillain & Co
Boomsesteenweg 85
BE 2630 AARTSELAAR

Gillain & Co
HYGIENIC EQUIPMENT FOR FOOD & LIFE SCIENCES

Sampling valve with membrane & lever for tank or process line and low viscosity liquids

PEML©



Optional :

Optional membrane :

OVERVIEW :

The PEML sampling valve is used to take a sample of clear, low viscosity or sticky liquid from a process line or tank in order to carry out quality and/or bacterial controls.
The PEML valve is available in manual or automatic versions. The valve has a connection dedicated to the passage of CIP liquid thereby enabling the sampling chamber to be cleaned. The drive head has 2 open positions: open position maintained and open with automatic spring loaded closure.
The increased hygienic design («flush membrane» - flared body) type guarantees there is no retention zone (an ideal place for bacteria to develop) and is easy to clean. Sealing is by a hung-type membrane on the drive head.

KEY BENEFITS :

- Specially designed for sticky and/or low pressure manometer liquids
- Hygienic design with flared body
- Sterilisation by CIP/SIP circulation
- Operating security (automatic spring loaded closure)
- Easy assembly and maintenance
- Available in manual and automatic versions

APPLICATIONS :

- Sampling on tank or line carrying sticky, sugary, low solidifying, low viscosity or clear liquids
- Equipment especially suited to sampling of products subject to quality and/or bacterial controls

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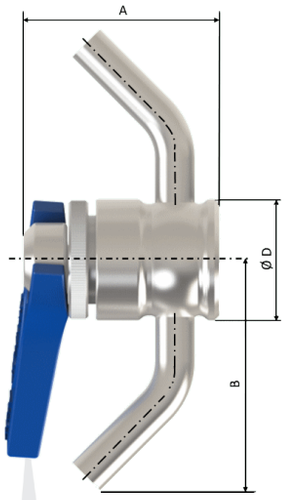
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TECHNICAL SPECIFICATIONS :

Sizes: DN 6 and DN 10
Intake connection: To weld
Outlet connection: Smooth with VMQ cap (Silicone)
CIP connection: Smooth with VMQ cap (Silicone)
Service pressure: From -1 to 6 bar for the DN6 size and from -1 to 5 bar for the DN10 size
Service temperature: From 1 °C to 120 °C
CIP/SIP support: Up to a temperature of 130 °C for 20 to 30 minutes
Materials:

- Parts in contact with the product: 1.4404 (316L) stainless steel
- Sealing: VMQ membrane (Silicone)
- Other parts: 1.4307 (304L) stainless steel
- Lever: PA + FG (Glass-filled polyamide)



DIMENSIONS IN MM :

Sizes	A	B	D
DN 6 *(angled outed)*	51	49	24,5
DN 10 *(angled outed)*	52	68	34,5

OPTIONS :

- Automatic version (single acting cylinder)
- Automatic version with opening detection
- Automatic version (without opening detection) «ATEX 2014/34/UE, zones 1 & 2, gas and dust» certified
- Non-blocking opening (dead man)
- Valve without CIP connection if flame sterilisation
- Stainless steel lever
- Stainless steel caps
- Other membranes: EPDM (Ethylene Propylene Diene Monomer), FKM (Fluorocarbon rubber, eq. Viton®), NBR (Nitrile rubber)
- Membrane USP Class VI compliant
- All types of connections on request (intakes and outlets)
- Customised equipment: please contact us

GUARENTEE :

12 months from the date of shipment (except in the case of special conditions)

COMPLIANCE :

- Ducting and tank accessories compliant with European PED 2014/68/UE, §4.3
- Optional: Compliant « ATEX 2014/34/UE, zones 1 & 2, gas & dust» for the automatic versions without opening detection
- Membranes compliant with FDA CFR 21.177.2600 and 1935/2004/EC ruling
- Optional: Membrane USP Class VI compliant

SERVINOX follows the recommendations of international guidelines and standards relative to hygienic design and construction, in particular those of the EHEDG and 3-A.

Servinox makes every effort to update its documents in line with improvements to its products.