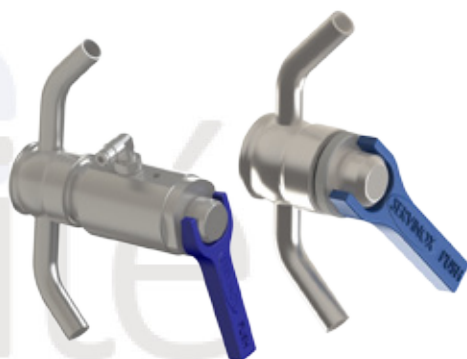




Sampling valve
with membrane & lever
for tank or process line
and low viscosity liquids

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

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 outlet)	51	49	24.5
DN 10 (angled outlet)	52	68	34.5



OPTIONS:

- Automatic version (single acting cylinder)
- Automatic version with opening detection
- Automatic version (without opening detection) "ATEX 94/9/EC, 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

GUARANTEE:

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

COMPLIANCE:

- Ducting and tank accessories compliant with European PED 97/23/EC, §3.3
- Optional: Compliant "ATEX 94/9/EC, 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.

Non contractual document and pictures, subject to change with no prior notice.

Only the commercial offer and the technical manual supplied with the equipment may be used for technical and legal purposes.

Servinox is an ISO 9001:2008 certified company

