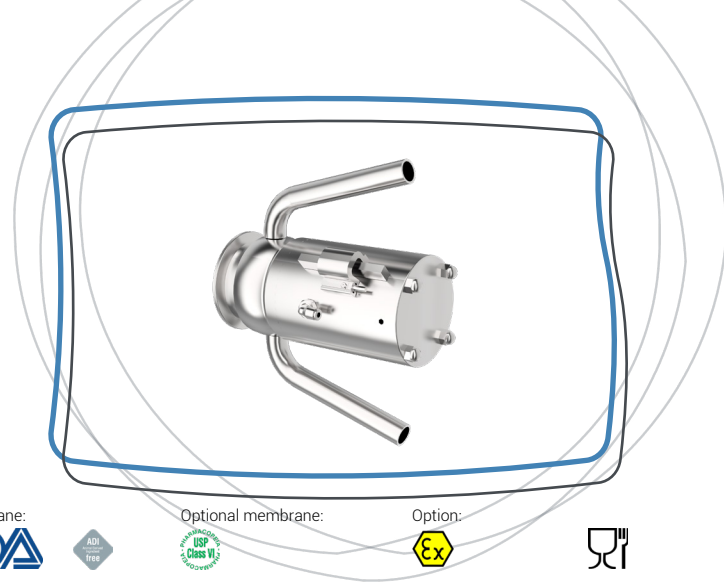


# PEMC

Sampling valves with Membrane for tanks and low-viscosity fluids



## Presentation

The PEMC sampling valve is used to take a sample of clear, viscous, sticky or laden liquid from a tank, in order to carry out quality and/or bacteriological tests. The PEMC valve is available in manual and automatic versions. Sealed with a membrane coupled to the drive head. Its hygienic design with a flush membrane (flared body), ensures that there are no retention areas (where bacteria can develop), and that it is easy to clean. The valve has a dedicated connection for the flow of CIP fluid, enabling the sampling chamber to be cleaned.

## Key features

- Specially designed for liquids with a high viscosity or containing solid particles
- Hygienic design with flush body
- Can be sterilised by CIP/SIP circulation
- Available in manual and automatic versions

## Applications

- On-tank sampling of all types of liquids, including sticky and/or laden liquids
- Equipment particularly suited to sampling products subject to quality and/or bacteriological tests

## Technical features

**Sizes:** DN 15

**Inlet fitting:** Welding

**Outlet fitting:** Plain nozzle

**CIP connection:** Plain nozzle

**Operating pressure:** From 0 to 6 bar

**Operating temperature:** From 1°C to 120°C

**Withstands CIP/SIP:** Up to 130°C for 20 to 30 minutes

## Materials

- Parts in contact with the product: Stainless steel 1.4404 (316L)
- Other parts: Stainless steel 1.4404 (316 L) or 1.4307 (304 L)
- Sealing: VMQ (Silicone) membrane

## Dimensions in mm

Sizes	A	B	C	D	E
DN 15 manual	59.5	136	90.5	117	Ø17.2x1.6
DN 15 automatic	59.5	136	90.5	163	Ø17.2x1.6

## Options

- Automatic version (single-acting cylinder)
- Automatic version with opening detection
- Automatic version "ATEX 2014/34/EU, zones 1 & 2, gas and dust" certified
- Valve without CIP connection (for flame sterilisation)
- Other membranes: NBR (Nitrile rubber), EPDM (Ethylene Propylene Diene Monomer rubber), FKM (Fluorocarbon rubber, eq. Viton®)
- Special connections on request:
  - Clamp (from SMS25)
  - Mounting on VARIVENT / VARINLINE
  - Mounting on SVX flanges type TC00203
  - "Ingold" connector
- Customised equipment: please contact us

## Warranty

12 months as from the date of dispatch (except for special conditions)

## Conformity

- Pipe fitting and tank compliant with Paragraph 4.3 of the PED 2014/68/EU
- Option: "ATEX 2014/34/EU, zones 1 & 2, gas and dust" compliant for automatic versions
- Membranes compliant with FDA CFR 21.177.2600 and Regulation (EC) 1935/2004
- Option: Membrane compliant with USP Class VI

