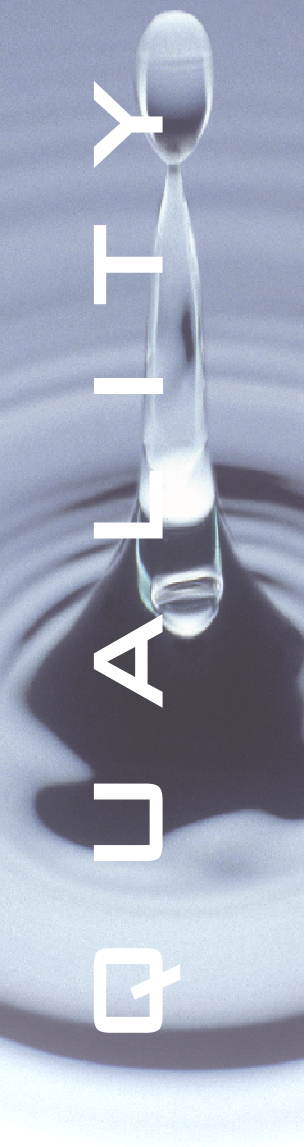
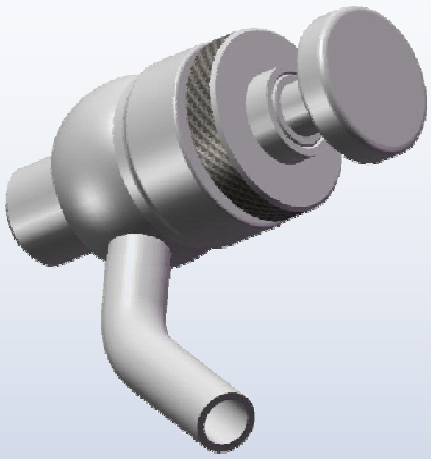
Process Line Equipment



Sampling valve

PEMS II



- Hygienic design
- Low acquisition and utilisation cost
- Market benchmark
- Uncomplicated maintenance
- Manual or automatic
- Version sterilisable by flame or SIP/CIP fluid circulation

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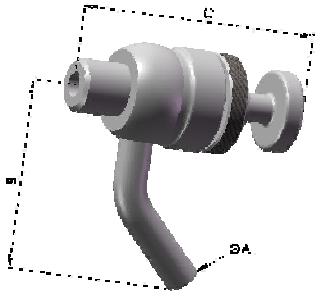
APPLICATION:

The PEMS II sampling valve is used to take a liquid sample from a process line for quality and/or bacteriology controls.
Its design guarantees the absence of retention zones (favourable to bacterial growth) with clear liquids, as well as excellent cleanability.
Its hygienic qualities and simplicity of installation and maintenance make it a market benchmark.

TECHNICAL DATA:

Materials:

Parts in contact with product: 1.4404 stainless steel (316L)
Membrane: silicone



Ø A	B	C
6	60	68
10	59	85

* : plain end versions

Characteristics:

Standard versions of the PEMS II sampling valve are proposed in ND 6 (8x1) and 10 (12x1).
In the standard version, it is supplied with a smooth sampling inlet and outlet to weld; it can be sterilised in a flame (possibility of cleaning circulating CIP or SIP products, see "Options").
Its manual head opens and closes by unscrewing/screwing.
In the standard version, working pressure must not exceed 6 bars, and temperature 120°C.
The elastomers are US FDA compliant.

OPTIONS:

- ATEX version (on automatic valve)
- Command by a simple pneumatic actuator, position detection possible.
- 1/2'', 1/4'' & 3/8'' left-hand thread male inlet.
- The "2 spout" version is used to circulate a CIP or SIP product in the valve body without contacting the process line; silicone plugs are used to keep alcohol in the body between two sampling operations.
- Connections to spout(s):
    - male 1/2'', 1/4'' or 3/8'' left-hand thread
    - clamp, mini-clamp or micro-clamp
    - fluted
- Membrane adapted to working conditions (EPDM, FKM, nitrile)

COMMISSIONING AND MAINTENANCE:

For all information concerning installation, commissioning, use and maintenance of this equipment, refer to technical notice XXX x F.