

15 Sampling



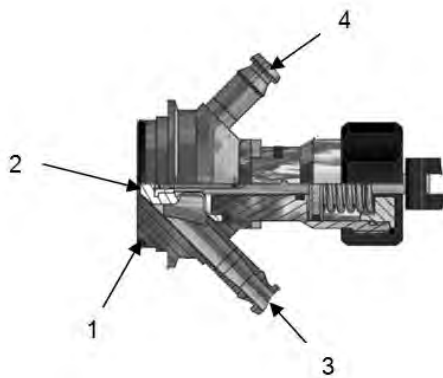
INFORMATION

Aseptic sampling valve or aseptic sampling system for safe and aseptic sampling, as a supplement to the aseptic valve range.

Design features of aseptic sampling valves

- Optimum cleaning relations in the product room, certified according to the guidelines of EHEDG
- Easy assembly
- Connection by welding end, clamp, in-line system
- Seal with bellow TFM 1705 FDA
- Outlet at an angle or with a bend
- Connections for steam or cleaning solutions lockable

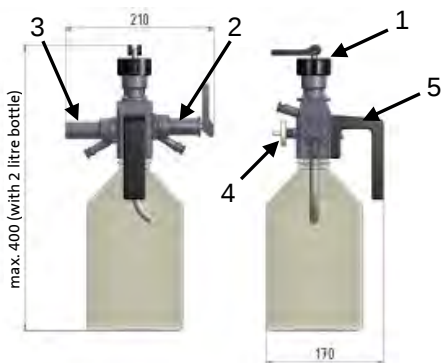
Sampling valve



- 1 Housing connection
- 2 Bellow
- 3 Outlet connection
- 4 Connection for steam or cleaning solutions

Sampling system

- Sterile sampling – unit bottle and valve block



- 1 Sampling valve
- 2 CIP valve
- 3 Safety relief valve
- 4 Sterile air filter
- 5 Handle

TECHNICAL DATA

Pressures

Product pressure	PN 87 psi (6 bar) / vacuum -13.8 psi (-0.95 bar)
Temperature	125 °C
Sterilisation temperature	max. 135 °C temporary (20 min)
Housing	PN 145 psi (10 bar)
Control air pressure	min. 87 psi (6 bar) - max. 115 psi (8 bar)

Material

Product pressure	1.4404 / AISI 316L
Without product contact	1.4301
Seal	TFM 1705 FDA

Surface

With product contact	$Ra \leq 0.8 \mu$
Without product contact	$Ra \leq 1.6 \mu$

Designs

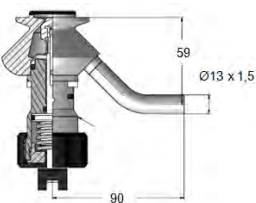
Housing versions	
Actuator	With hand lever – self-closing or with hand wheel – slow opening Pneumatic drive NC
Additional equipment	Proximity switch

According to legal requirements
EU Pressure Equipment Directive 2014/68/EU
EU Machinery Directive 2006/42/EC
Design check by TÜV Süd

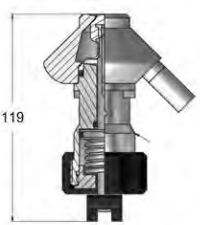


SAMPLING VALVE

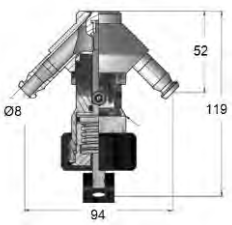
Connection BioConnect DN 25
1.4404 / AISI 316L

	DN	- PTFE
		Material no.
		0901276343

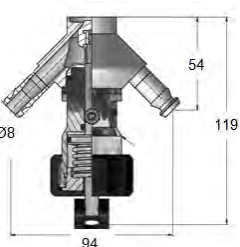
Tank connection
1.4404 / AISI 316L

	DN	- PTFE
		Material no.
		0902362034

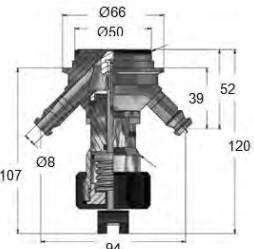
Tank connection
1.4404 / AISI 316L

	DN	- PTFE
		Material no.
		0901856818

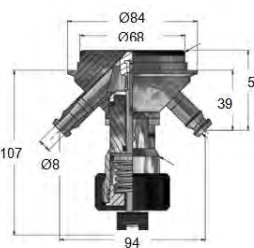
Pipe connection
1.4404 / AISI 316L

	DN	- PTFE
		Material no.
		0901861643

Connection InLine D 50 1.4404 / AISI 316L

	DN	- PTFE
		Material no.
		0901276555

Connection InLine D 68 1.4404 / AISI 316L

	DN	- PTFE
		Material no.
		0901276550

Sampling system without bottle 1.4404 / AISI 316L

	DN	- PTFE
		Material no.
		0902515987

For the sampling system, additional filters are necessary.

Sampling bottle PP 2 litres

	DN	- PP
		Material no.
		0902269877

Sterile air filter

		
		Material no.
		0903795811

SPARE PARTS SAMPLING

Sampling valve

Seal kit with product contact

	Con- nec- tion	Material no.
	Tank Pipe	0901867430
	Clamp	0901293688
	Inline	0901293967

Sampling system

Seal kit with product contact

		Material no.
		0903420730
		0903420898
		0903420981
		0903420983

ADDITIONAL EQUIPMENT

Hose PTFE, length = 500

		Material no.
		0904210469

Hose PTFE, length = 150

		Material no.
		0904210467

BioShut fast locking cap DN 10 for joint

		
		Material no.
		0904214232

Fast locking coupling DN 10 for joint

		
		Material no.
		0904214234

BioCap protecting cap set DN 10 for joint, quick release coupling

		
		Material no.

Weld-on nozzle DN 10

		
		Material no.
		0904214235

BioCap S weld-on cap DN 10

		
		Material no.
		0904214233

