

Sterile connection, diaphragm seal For food, bio and pharmaceutical industry Models DD1222 clamp connection



- Food and beverage industry
- Bio and pharmaceutical industry, production of active ingredients
- Paint finishing systems

Special features

- For cleaning easy to open
- Quick cleaning of measuring point, without residue
- Suitable for SIP and CIP
- 3-A certified
- Flush, welded diaphragm

Description

Process connection

Model:DD1222 Clamp per ISO 2852
Nominal widths see table of dimensions

Nominal pressure

PN 40 bar for DN 20 ... DN 50 or DN 1" ... DN 2"
PN 25 bar from DN 65 or DN 2 1/2"

Pressure ranges

0 ... 0.6 bar to 0 ... 25 or 40 bar

Material of wetted parts

Stainless steel 1.4435 (316L)

Measuring instrument connection

Gauge directly welded, transmitter with adapter screwed

System fill fluid

KN 7 glycerine, food compatible, FDA conform, per standard
US Pharmacopoeia XXIV and European Pharmacopoeia
(1998)



Diaphragm seal, clamp connection model DD1222 with
pressure gauge model MBS10B NS 100

Options

Process connection

- Other nominal widths (DN) and connections such as Südmo, BBS and further sterile connections on request

Nominal pressure

- Higher nominal pressures on request

Material of wetted parts

- Stainless steel 1.4435, electropolished
- Special materials on request

Assembly of the pressure measuring instrument

- Assembly via cooling element
- Assembly via capillary, when ordering please specify length of capillary

System fill fluid

- KN 12 glycerine/water, FDA conform
- KN 59 Neobee® M-20, FDA conform
- KN 92 medicinal white mineral oil, FDA and USP conform

Example for mounting at a pipe socket of a diaphragm seal model DD1222 directly assembled with pressure gauge

