

## 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

