



Features

- Flush-mounted separating diaphragm of stainless steel, welded by laser
- Screw-type diaphragm seal, screwed plug adjustable
- Volume optimized diaphragm base
- Connection of measuring instrument directly welded

Options

- Material certificate acc. to DIN EN 10204-3.1
- Hygienic design with advanced surface quality
- Special materials upon request

Application area

- Pharmaceutical industry
- Biotechnology

Application

Suitable for mounting to pressure transmitters. This diaphragm seal is used mainly for dead-zone free measuring.

Technical Data

Process connection

screw-in thread
Rd 28 x 1/8, PN 40

Diaphragm seal material

basic body:
st. steel mat. no. 1.4435 (316L)
O-ring-gasket is included.
Materials see order code or upon request

Separating diaphragm

standard material: st. steel mat. no. 1.4435 (316L), further materials see order code or upon request

Measuring instrument connection

directly welded
see order code
material stainless steel

Process temperature

dependent on measuring system,
diaphragm seal filling liquid and installation.

Diaphragm seal filling liquid

see data sheet D5-003.
Standard according to order code

Hygienic design

surface formation of wetted parts as per EHEDG guidelines
($R_a \leq 0.8 \mu\text{m}$)

Installation instructions

see operating instructions BTA-062

Weights

with measuring instrument connection
G 1/2 approx. 0.3 kg

