

Accessories for diaphragm seals and in-line seals

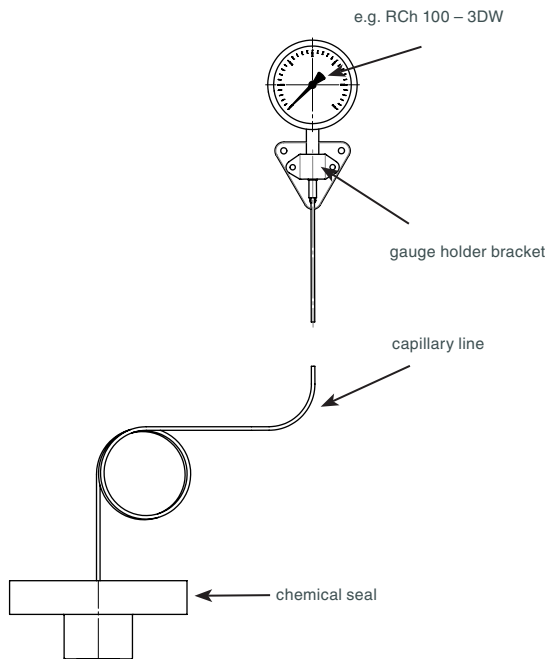
Information on applications, features, metrological influences such as temperature and level difference of our capillary lines can be found in model overview 7000.

Application

Capillary lines at chemical seals are applied to separate the pressure measuring instrument from the measuring point in case of high medium temperatures or to install it at a suitable place in case of unfavourable installation conditions at the measuring point. Pressure gauge/chemical seal combinations with capillary line for NCS ≥ 100 and wetted parts -3 are supplied with welded capillary line as standard. For all other instruments, the capillary line is screwed to the measuring instrument.

A mounting device is required for systems with capillary line, e.g. gauge holder bracket, back flange for surface mounting or front flange or u-clamp for panel mounting for pressure gauges.

Construction Model FLv



Standard Versions

Material

Capillary line: stainless steel 316L (1.4404)
 Connection adapter: stainless steel 316Ti (1.4571)

Diameter x Wall Thickness Capillary Line

4 x 1 mm (0.16 x 0.04")

Bending Radius Capillary Line

Min. 150 mm (5.91")

Spiral Protection Hose

Stainless steel
 External \varnothing 7 mm (0.28")



Instrument Connection

FLv: 8 mm (0.31") welding connection with adapter ring for gauge holder bracket
 FL: G $\frac{1}{2}$ female thread with fitting for gauge holder bracket

Process Connection

Welded
 Length: 0.5 m – 10 m in 0.5 metre increments

Nominal Pressure

PN 400 bar
 At +20 °C up to PN 600

Mounting/Filling

Information on mounting and filling is available upon request.

Special Versions

- Other instrument connection
- Screwed to chemical seal and/or measuring instrument
- Spiral protection hose with PE cover
- Deviating capillary line lengths
- Capillary line 3 x 1 mm (0.12 x 0.04"), ordering code: FL3 (screwed), FLv3 (welded)

Ordering Information

Model (if explicitly requested):

- FLv capillary line welded
- FL capillary line screwed
- FLv3 capillary line \varnothing 3 mm welded
- FL3 capillary line \varnothing 3 mm screwed