

# Diaphragm-Type Chemical Seals

## Pulp and Paper Industry Design DN 48 • Model 990.23

### Chemical Seals

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**Service intended**

Chemical seal to combine with bourdon tube pressure gauges. Suitable for corrosive, contaminated, hot or viscous pressure media.

**Design**

Body with extended diaphragm to fit DN 48 pulp and paper industry connection.

**Process connection**

Loose retainer flange, 6 boltholes 7 mm diameter 70 mm PDC

**Pressure rating**

PN 25, 40

**Suitable pressure ranges**

0 ... 0.6 to 0 ... 40 bar

**Standard features****Body and diaphragm extension**

Stainless steel 1.4571

**Diaphragm**

Stainless steel 1.4571, welded with body

**Diaphragm extension**

6.5 mm

**Retainer flange**

Galvanised carbon steel

**Instrument connection**

G ½ female per EN 837-1 / 7.3.5 optionally:

- Rigid L-bow 90°
- L-bow 90° swivelling to enable gauge orientation 180°
- L-bow 90° with integral vibration damper

**Optional extras****Body and diaphragm extension**

- Stainless steel 1.4404, 1.4435, 1.4541, Monel
- PFA coating max. 260 °C
- ECTFE coating max. 150 °C

**Diaphragm**

- Special materials same as body

**Diaphragm extension**

- Custom length extension available

**Retainer flange**

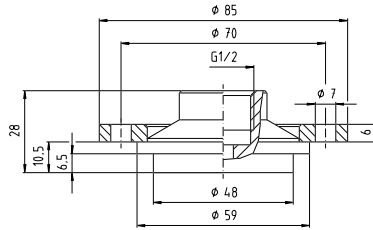
- Stainless steel 1.4571
- PN 40

**Instrumentation connection**

- Capillary extension welded with body and gauge adaptor G ½ female to fit surface mounting bracket
- Cooling tower for directly mounted gauge when medium temperature > +100 °C

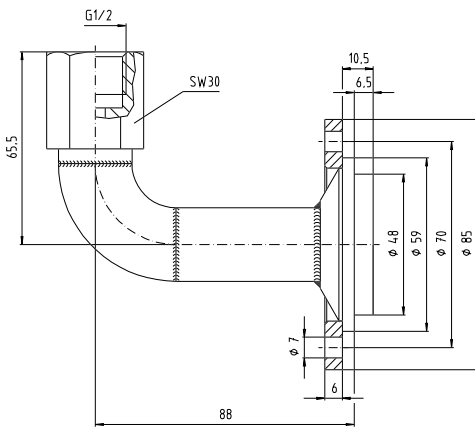
## Dimensions

### Standard version



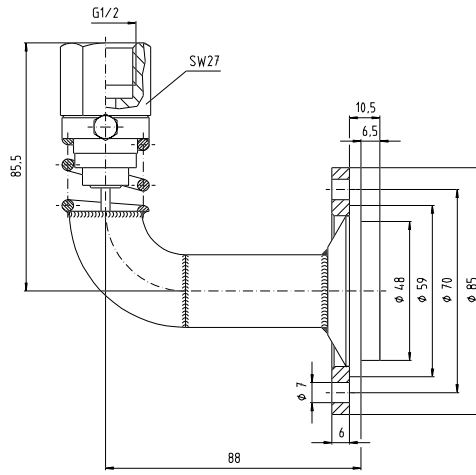
1036 904.01

### Version with L-bow 90°



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### Version with L-bow 90° and vibration damper (non for liquid filled gauges > NS 100 !)



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## Ordering information

Specify:

Model / Size, pressure rating and applicable standard of connection / Material of wetted parts / Size of instrument connection / Filling liquid / Pressure instrument desired / Process conditions as per questionnaire / Optional extras required

Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.



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