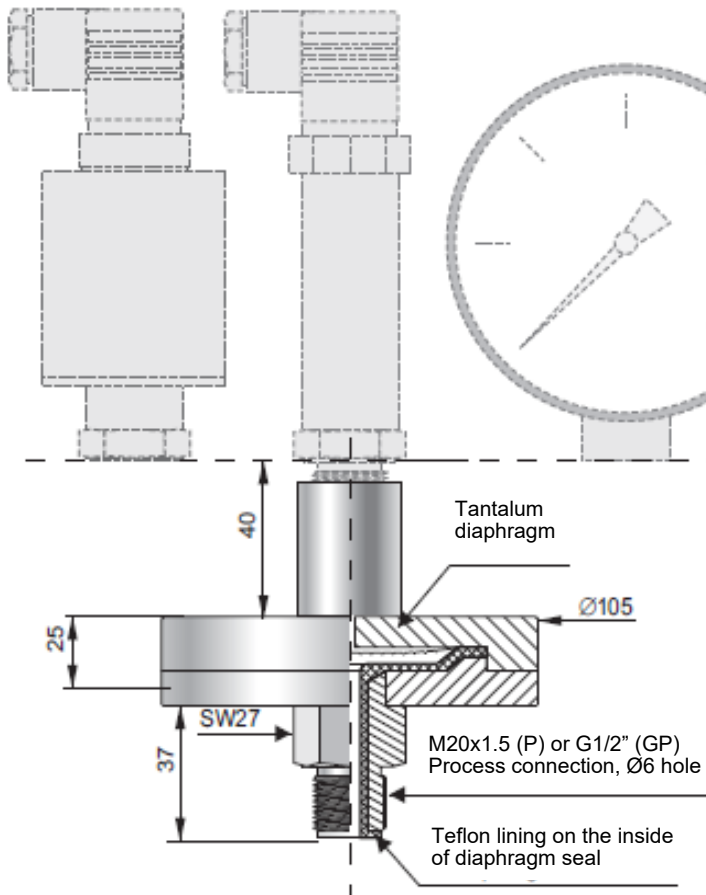


# Technical Datasheet



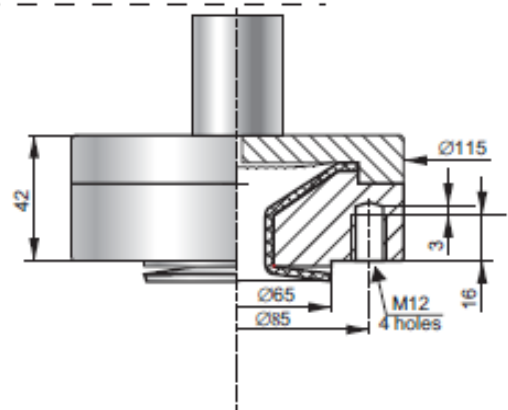
## D Series

### Threaded chemical seals with large diaphragm S-CompCh



Version with M20x1,5 process connection

- Pressure measurement of hydrochloric, sulphuric and nitric acids in any concentration
- Pressure measurement of chlorine



Version with process connection size DN25

#### How can we help you?

Delta Controls' offers fast, efficient and knowledgeable support when and where you need it. Please visit our web site at [www.delta-controls.com](http://www.delta-controls.com) to find your local support centre or call us on:

**+44 (0) 1252 729140**

## Application

S-CompCh seals are applicable for measuring the pressure of corrosive media. The wetted parts of the diaphragm seal are made of Teflon and tantalum. Several corrosive chemicals, except for hydrofluoric acid, gaseous fluorine and soda lye, can be measured.

## Measuring Ranges

**Recommended minimum measuring range (bar), depending on the type of the set: pressure measuring device - diaphragm seal**

Diaphragm seal type	Transmitter	Gauge Ø100
Direct	0.4	1
Remote	1	6

### Zero error from ambient temperature change

direct diaphragm seal: 1 mbar / 10°C

remote diaphragm seal (2m capillary): 6 mbar / 10°C

An additional zero error, resulting from temperature fluctuations in a medium, depends on the temperature gradient in the oil-based diaphragm sealing system. The error value is, in any case, significantly smaller than the error value shown above.

<b>Maximum measuring range</b>	0 ... 16bar
<b>Over pressure limit</b>	0 ... 250bar
<b>Medium temperature range</b>	-30 ... 100°C

## Note

**To order chemical seals with transmitter, contact our sales department**

*In the interest of development and improvement Delta Controls Ltd, reserves the right to amend, without notice, details contained in this publication. No legal liability will be accepted by Delta Controls Ltd for any errors, omissions or amendments.*

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