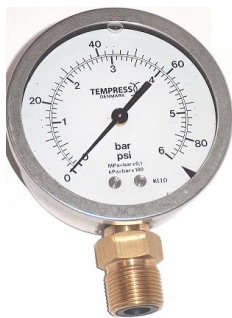


**Bellow Diaphragm Seal**  
**Seawater & salt resistant**

Date: September 2012

No.: 1-590 GB



**Bellow diaphragm seal – seawater and salt resistant**

- Diaphragm of VITON
- Thread in salt resistant materials
- Seawater and salt resistant
- Works on both pressure gauges and transmitters
- Media temperature of up to 80°C(265°F)
- Ambient temperature of up to 60°C(140°F)
- Process connection ½” BSP
- Fits on all Tempress pressure gauges & transmitters
- Cost efficient
- Low weight

**Pressure transmitter with diaphragm seal**

**TEMPRESS** has come up with a solution for separating abrasive or crystallizing media from the measuring device.

The bellow is produced in a way that minimizes the seal resistance so even a pressure span of 0-250mbar can be handled without affecting the accuracy of the specific instrument.

The bellow is also able to handle pressures up to 1600 bar - without being damaged. The bellow seal can be mounted on any kind of pressure measuring equipment and will not extend the geometry to more than 40 mm of length.

The nipple is standard ½” BSP and the flat gasket is outside Ø 18 and inside Ø 12,5. Other connections are available on request. The Bellow diaphragm seal fits in to the unique **TEMPRESS** system of connectors and can there for be applied on all our pressure gauges, transmitters and switches.

Specifications	
Type	Bellow diaphragm seal
Thread size	½” BSP Others on request
Material	Seawater resistant brass Super duplex Titanium Hasteloy Others on request
Diaphragm	Viton
Measuring range -	
Minimum span	0-250 mbar
Maximum span	0-1600bar
Medium temperature	Up to 80° C
Ambient temperature	Up to 60° C
Accuracy	Class 1,0 (On pressure gauges) Class 0,5 (On pressure transmitters)
Measuring unit	Bar

TEMPRESS reserves the rights to changes without notice