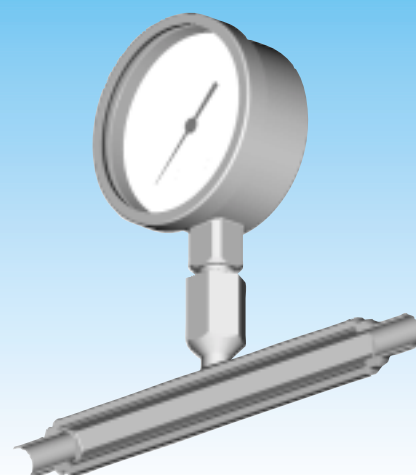


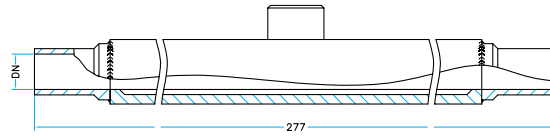
Diaphragm-type chemical seal

process connection in-line	pipe size	DN15
max. process pressure in bar at 20 °C		250
min. span for GP & AP in bar		25
min. span for DP in bar		4,0
min. pressure range for PI in bar		25
max. capillary length in meter		3
min./max. process temperature in °C		-40/+399
<i>for correct use of limitations see introduction page 6</i>		



- completely round in-line diaphragm
- no dead spaces and no cross section constructions for Ermeto in-line mounting

description	standard model	options available
process connection		
in-line; acc. Swagelok - Ermeto	pipe size: DN15	custom-design
wetted parts		
process connection	AISI-316	
diaphragm	AISI-316	
instrument connection		
body	AISI-316	
instrument connection	1/2" BSP female	capillary tubing (top entry)
features		
capillary	AISI-316	
armour	stainless steel	protection sleeve of PVC
sealing oil	silicone type BSO 22	others see table 1 - page 55
temperature reducer		for all instruments except DP
temperature compensator		for all instruments except PI
full welded construction		for all instruments



**minimum span in bar
for GP, AP & DP**

transmitter type		
GP	AP	DP
25	25	4

**process
connection**

size
DN15

**minimum range in bar
for pressure indicator**

size of PI (mm)		
ø 63	ø 100	ø 160
25		

**temperature effect in mbar per +10 °C
for GP, AP & DP**

transmitter type			seal	capillary /mtr
GP	AP	DP		
450,00	150,00		85,00	325,00
		5,00	25,00	35,00

**process
connection**

size
DN15

**temperature effect in mbar per +10 °C
for pressure indicator**

pressure (bar)	size of PI (mm)			seal	capillary /mtr
	ø 63	ø 100	ø 160		
≤ 40	450,0			85,0	325,0
> 40	400,0			85,0	325,0

measured from 20 °C

	PI	GP	DP	standard included	PI	GP	DP	additional
		AP				AP		
tests	•	•	•	calibration test at 20 °C		•	•	calibration test at simulated process conditions (8h)
	•	•	•	helium test		•	•	static pressure test at 20 °C (8h)
			•	static pressure test at 20 °C		•	•	vacuum test at 20 °C (8h)
certificates				calibration test certificate	•	•	•	calibration test certificate
					•	•	•	conformity certificate on pressurized parts (2.2)
					•	•	•	material certificate acc. EN 10204 3.1.B (3.1A/3.1C)
					•	•	•	NACE certificate acc. MR 01.75
documents	•	•	•	directions for use	•	•	•	technical information set