

Ammonia reactor

### Reliable

Special sealing concept prevents diffusion by the ammonia

# Cost effective

Maintenance-free operation even at high temperatures and pressures

# User friendly

Simple installation and commissioning





More details

**VEGABAR 81** 

Pressure transmitter for measuring pressure at reactor inlet

In the ammonia reactor, nitrogen reacts with hydrogen to form ammonia. The temperature in the reactor

itself does not take place in the interior of the reactor, but in the cooler inlet pipe of the reactor.

can be anywhere up to 500 °C at pressures of 200 bar. To monitor the system pressure, the measurement

Pressure measurement at the inlet of the ammonia reactor

- Reliable measurement at high temperatures and pressures
- Special sealing concept prevents ammonia diffusion when handling
  aggressive media
- Long service life through use of chemically resistant materials

**Show Product** 



	VEGABAR 81		
Show Product			
		Measuring rai	nge - Pressure
		-1 1000 bar	
Process temp	perature		
-90 400 °C			
Process pres	sure		
-1 1000 bar			
Accuracy			
0.2 %			
0.1 %			
Materials, wet	ted parts		
Alloy C22 (2.46	602)		
Alloy 400 (2.43	360)		
Tantalum			
Alloy C276 (2.4	4819)		
Duplex (1.4462	2)		
Titanium Grade	e 2 (3.7035)		
1.4435			
316/316L			
Titanium Grade	e 7 (3.7235)		
Threaded cor	nection		
≥ G½, ≥ ½ NP1	Г 		
Flange conne	ction		
≥ DN25, ≥ 1"			
Hygenic fitting	gs		
Clamp ≥ 1" - D	IN32676, ISO2852		
Slotted nut ≥ 1	1⁄2", ≥ DN40 - DIN 11851		
hygienic fitting	with tension flange DN32		
hygienic fitting	F40 with compression nut		
Hygienice flang	ge connection ≥ DN50 DIN11864-2		
Libertania fittina	s ≥ DN40 - DIN11864-1-A		

## Seal material

no media contact

