



## Pressure Transmitter NP300



### Introduction

The **NP300** product family of industrial pressure transmitters features programmable range and the digital field calibration capabilities. They are offered in five basic pressure ranges: 0,1 MPa (1 bar) / 0,3 MPa (3 bar) / 1 MPa (10 bar) / 3 MPa (30 bar) and 10 MPa (100 bar). This product family is rangeable until 1/3 of the full scale and allows the user to adjust factory calibration in the field or laboratory. The range configuration and the factory calibration adjustment are performed by using the option USB configuration interface **TxConfig USB-NP**.

### Features

- Models available:
  - 0,1 MPa (1 bar): gauge pressure
  - 0,3 MPa (3 bar): gauge pressure
  - 1 MPa (10 bar): gauge pressure
  - 3 MPa (30 bar): gauge pressure
  - 10 MPa (100 bar): absolute pressure
- Rangeability: 3:1 with no precision loss
- Working temperature: -10 a 70 °C
- Media contact material: 316L stainless steel
- Enclosure material: 304 stainless steel
- Accuracy: 0.5% of full scale, including hysteresis linearity and repeatability
- Process connection: 1/4" - 18 NPT
- Electrical connection: mini DIN 43650
- Over pressure: 1.5 times rated pressure
- Burst pressure:
  - 0,1 MPa (1 bar): 10 times rated pressure
  - 0,3 MPa (3 bar) : 8 times rated pressure
  - 1 MPa (10 bar) : 5 times rated pressure
  - 3 MPa (30 bar) : 4 times rated pressure
  - 10 MPa (100 bar): 2 times rated pressure
- Dynamic response: < 30 ms
- Output: two-wire 4-20 mA
- CE certification
- Weight: 136 g
- Dimensions: Ø 22,3 x 117 mm
- Power: 11-33 Vdc

### Accessories



The **TxConfig USB-NP\*** is the interface required to configure the NOVUS pressure transmitters products. The interface provides the required power for the transmitters with 0-10 Vcc or 4-20 mA outputs. This interface makes the configuration and calibration processes extremely simple and fast. It is used with the free configuration software **TxConfig**.

*\*sold separately*