



# Pressure Transmitters - NP620

NOVUS NP620 product family of industrial pressure transmitters features programmable range and digital field calibration capabilities. They are offered in a wide range of pressure measurement options. These families of transmitters can have their retransmission range configurable to zoom up to 1/3 of the nominal range and also have their factory calibration adjusted in the field or in a laboratory. These features are accomplished by the use of the optional interface TxConfig-USB.



## Characteristics

- Process connection: external thread ¼ NPT, ½ NPT or ½ BSP
- Retransmission can be re-scaled to 3:1
- Operation temperature: -20 to 70 °C
- Wetted material: stainless steel 316L, FKM (Viton®) o'ring
- Output: loop powered 4-20 mA
- Electrical connection: DIN 43650 (EN 175301-803)
- Overpressure: 2 times nominal pressure
- Dynamic response: < 30 ms
- Power: 11-33 Vdc
- Available gauge pressure ranges:
  - 0,1 MPa (1 bar, relative)
  - 0,4 MPa (4 bar, relative)
  - 1 MPa (10 bar, relative)
  - 4 MPa (40 bar, relative sealed)
  - 10 MPa (100 bar, relativa sealed)
- Accuracy, including hysteresis, linearity and repeatability: 0.25% of full scale
- Dimension:
  - ¼ NPT: Ø 27 x 88,7 mm
  - ½ NPT: Ø 27 x 93,2 mm
  - ½ BSP: Ø 27 x 87,2 mm

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