

Relative Pressure Transmitter

NP400



- Designed for harsh environments
- Quick start-up
- Long-term stability
- Welded parts made of stainless steel

With a 316 stainless steel body and a DIN 43650 connector, **NP400** is a robust product that is quick to set up. It is available in several measurement ranges and process connection modes.

Perfect for harsh environments, **NP400** features an IP65 protection index, which ensures protection against water jets and dust.

These features transform **NP400** into an amazing solution for measuring pressure. The equipment offers an excellent balance between cost and benefit.



ACCURACY
± 0.5 % F.S.



IP65 PROTECTION



SEVERAL WAYS TO CONNECT TO THE PROCESS



AVAILABLE IN DIFFERENT PRESSURE RANGES



EXCELLENT COST-EFFECTIVENESS

Technical Specifications

Pressure Ranges	0-2, 0-5, 0-10, 0-16, 0-20, 0-25, 0-40, 0-50, 0-60, 0-100, 0-160, 0-250, 0-400 bar
Sensor Features	Piezoresistive (ceramic)
Wetted Parts	316 stainless steel body, FKM sealing ring, and ceramic sensor (Al ₂ O ₃ 96 %)
Housing Material	316 Stainless Steel
Output Signal	4 to 20 mA
Resolution	< 0.1% F.S.
Power Supply	11 to 33 Vdc (loop-powered device) Internal protection against reversal polarity of voltage supply
Accuracy	≤ 40 bar ± 0.5 % F.S. ≥ 50 bar ± 1.0 % F.S.

Thermal Deviation	< ±0.06 % of the maximum range / °C
Dynamic Response	< 1 ms
Over Pressure	2 x F.S.
Process Connection	¼ NPT, ½ NPT, G ¼, ½ BSP
Electrical Connection	DIN 43650 / 175301-803 connector, form A
Operating Temperature	-20 to 70 °C (-4 to 158 °F)
Ambient Temperature	-20 to 100 °C (-4 to 212 °F)
Protection Rating	IP65
Approval	CE