



# 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

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

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