Compact and corrosion resistant stainless steel housing
Maintenance free due to ABB's reliable well-proven sensor technology
Easy operation and set up via the user friendly graphic display
Wide choice of process connections to meet nearly every installation
Designed to meet both CIP and SIP applications
Rugged exterior – sophisticated heart
Focus on essential features

The development of the new high-quality but cost-effective 261 transmitter is the result of our uncompromising focus on pressure and level measurement. The 261 series meet the latest process requirements, e.g.

- **Standard 4 to 20 mA output with HART communication**
- **Base Accuracy: 0.15% of calibrated span**
- **Excellent corrosion resistance**
- **Wide range of connections to suit industry specific applications**
- **Conforms to SIL2 according to IEC 61508 / IEC 61511**

- **Convincing performance for challenging applications – maintenance-free sensors**
  Cost effective sensors designed to measure a wide range of pressure applications. Well proven draft and high pressure ranges for gauge and absolute measurement.

- **Full 316 Stainless steel body construction for harsh environments**
  The compact, robust transmitter housing is made of 316 stainless steel as a standard. Due to its high corrosion resistance it can be used in a wide variety of process and ambient conditions.

- **High flexibility for demanding processes – wide choice of process connections**
  The wide range of available process connections meets special industrial requirements:
  - Threaded connections: e.g. for power, pulp/paper, or oil and gas applications
  - Flange connections: e.g. for chemical applications
  - Hygienic connections: e.g. for pharmaceutical or food and beverages applications
  - Remote seals to meet high temperature requirements.

- **Unique ease of operation – innovative graphics display**
  The user friendly display allows simple and intuitive transmitter operation.

  The transmitter can interface with ABB’s device management software solution. This Asset Master package allows configuration, diagnostic support and asset management of the transmitter.

  The transmitter provides local zero and span adjustments without the requirement for a local display.

- **Certified quality meeting national requirements – diversity of approvals/certificates**
  Various national and international approvals and certificates – e.g. EHEDG, CSA, FM, and ATEX.
A fit for all industries – with the ability to serve special applications

1. **Oil and Gas**
   - NACE-certified materials
   - Stainless steel housing
   - Protection to IP67 / NEMA 4x

2. **Food, Beverage and Pharmaceutical**
   - Flush diaphragms, no dead space
   - CIP/SIP
   - EHEDG-, 3A-certified
   - FDA-approved filling fluids

3. **Chemical**
   - Intrinsically safe
   - Various corrosion-resistant materials
   - Remote seal options

4. **Power**
   - High over pressure protection
   - HAN 8U / HAN 7D connector

5. **Pulp and Paper**
   - Front bonded diaphragm

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### Pressure transmitter 261 overview

<table>
<thead>
<tr>
<th>Type</th>
<th>Measurement</th>
<th>Housing</th>
<th>Electr. connection</th>
<th>Process connection</th>
<th>Measuring ranges</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>261GS/AS</td>
<td>gauge/absolute pressure, level</td>
<td>stainless steel, optional with indicator</td>
<td>M16x1.5, 1/2-14 NPT or M20x1.5 cable gland, Han 8U Harting connector, miniature connector</td>
<td>Threaded connections - G1/2 B - 1/2-14 NPT male/female - front bonded G1/2 to G1 1/2 - for ball valve connection</td>
<td>0.3 kPa to 60 MPa 1.2 in H₂O to 8700 psi</td>
<td>SMART electronics, 4 to 20 mA / HART Protocol</td>
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<tr>
<td>261GN/AN</td>
<td></td>
<td></td>
<td></td>
<td>DIN/ASME flanges with flush/extended diaphragms</td>
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<tr>
<td>261GC/AC</td>
<td></td>
<td></td>
<td></td>
<td>Hygienic connections DIN 11851 Triclamp SMS RJT Varivent Biocontrol</td>
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<tr>
<td>261GM/AM</td>
<td></td>
<td></td>
<td></td>
<td>Remote seal variants DIN/ASME flanges with flush/extended diaphragms in-line remote seals</td>
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<tr>
<td>261GG/AG</td>
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<td>261GR/AR</td>
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<td>261GJ/AJ</td>
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ABB is a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 104,000 people.

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