AT9000
Advanced Transmitter

Provides the best in world class performances and the highest satisfaction to you.

- High performance and reliability
- High turn-down ratio
- Safety design
- Fast response
Special features

High performance and reliability
Azbil corporation’s unique compensation system "Characterization" has been improved to achieve higher performance.

± 0.1% of URL stability for 10 years has been achieved.
Significantly reducing calibration work after installation.

High turn-down ratio
Turn-down ratio of 200:1 has been realized.
Contributes to reducing the amount of inventory required for spare parts.

Safety design
Safety design complying with the IEC61058 standard: Certified according to Safety Integrity Level2 (SIL2).
Being used as a component of Safety Instrumented System (SIS).

Equipped with the ALARM and the contact output function (OPTIONAL).
In case of failure, the ALARM status can be displayed and confirmed on the built-in indicator (◆).

Fast response
| The response time within 100 ms is realized. |
| Suitable for pressure control around turbine. |

Indicator (◆)

**Specification summary (DP transmitter)**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output</td>
<td>4 to 20mA DC : SFN / HART protocol</td>
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<tr>
<td>Accuracy</td>
<td>± 0.04%F.S. (GTX30D / 31D)</td>
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<tr>
<td>Measuring span</td>
<td>0.1 kPa to 14 MPa (covered with 4 models)</td>
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<tr>
<td>Max working Pressure</td>
<td>42 MPa</td>
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<tr>
<td>Long-term stability</td>
<td>± 0.1% of URL for 10-years</td>
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</table>

Certifications and approvals:
- NEPSI / FM / ATEX / IECEx / TIS / KOSHA
- Explosion-proof, Intrinsically safe,
- Non-incendive

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Azbil Corporation
Advanced Automation Company

Teikokku Corporation changed to name to Azbil Corporation on April 1, 2012.

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