

AEROSPACE

PRESSURE TRANSDUCERS & TRANSMITTERS



Ask us about our custom designed solutions for Aerospace pressure



SUCO ESI
North America

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Pressure Measurement Specialists

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PRESSURE TRANSDUCERS & TRANSMITTERS

Our high-precision pressure transducers and transmitters from play a critical role in aerospace applications, ensuring safety, reliability, and performance of aircraft and spacecraft. ESI Technology is AS9100D certified and designs and manufactures products to the highest aerospace quality standards, delivering accurate pressure measurements for systems such as fuel, hydraulics, and environmental control.



HI2000



- High accuracy and performance
- Silicon-on-Sapphire sensor
- Pressure ranges to 1,500 bar
- Specialist titanium alloy sensor
- Excellent chemical compatibility
- High thermal stability
- ATEX/IECEx option available



HI2200

- Operating and ambient temperatures to 200°C
- Silicon-on-Sapphire sensor
- Pressure ranges to 1,500 bar
- High accuracy
- Temperature compensated option
- Excellent chemical compatibility



HI3000 TEDS

- TEDS Ready, on-board 20Kbit
- High accuracy and performance
- Silicon-on-Sapphire sensor
- Pressure ranges to 1,500 bar
- Titanium wetted parts
- Excellent chemical compatibility
- High thermal stability



HI6000

- High ambient temperatures up to 150°C
- Silicon-on-Sapphire sensor
- Pressure ranges up to 1,500 bar
- Titanium wetted parts
- Excellent chemical compatibility
- High thermal stability

ACCREDITATIONS AND CERTIFICATIONS



Our pressure transducers and transmitters are designed and manufactured under the AS9100D and ISO management systems, ensuring the high levels of reliability, traceability and performance required for aerospace applications. All products undergo rigorous testing in accordance with Mil-I-45208 procedures, while meeting CE requirements.

For applications requiring additional assurance, selected products are also available with ATEX (Ex) & IECEx certifications, providing confidence in safety and performance across demanding environments.

CUSTOM DESIGNED SOLUTIONS

We provide application-specific designs, customisable housings, and a variety of output signals and pressure ranges to suit diverse needs.

Our service includes specialised process connections, multiple electrical connector options, and a choice of housing materials to match your operational demands. Stringent quality control and processes at every stage of the manufacturing process ensure our customers are completely satisfied with the end product. Our team of engineers, with extensive experience in electronic, software and mechanical instruments, are able to offer a complete design service using the latest technologies.

Additionally, we deliver detailed documentation packages to support your project. When your application demands a specialised pressure measurement solution, ESI ensures a bespoke approach that delivers optimal performance and reliability.

Contact our sales team to discuss your application needs sales@sucoesi.com