

SENSOR | TECHNOLOGY



P R E C I S I O N M A N O M E T R I C T E C H N O L O G Y



Your Professional Partner for
Sensor Systems and Expert
for Pressure Sensor Systems

Modular Design and
Flexibility

Situated at the high-tech location north of Dresden, ADZ NAGANO GmbH develops and manufactures pressure-sensor technology at top-notch quality.



Since its foundation and with its team of 100 committed employees, the business has developed into an internationally renowned and much sought-after manufacturer of manometric transducers and pressure transmitters. We feel at home in all relevant areas, such as process, environmental, automation and automotive technologies. We have at our disposal excellent professionals in the fields of industrial circuitry, microelectronics, microtechnologies, implementation and jointing and microsystems technology. Our technological basis is permanently expanding.

Our main area of activity is to develop and produce custom-made sensors and sensor systems. By consistently increasing our R&D potential and by enlarging and updating our manufacturing capacity, we have been able to expand our range of products to more than 4,000 producible types of pressure transmitters. Our focus on modular design guarantees a high share of reasonable standard applications in customer-

"Innovation and high standard quality
is the basis for a persistent partnership"



Quality, Safety,
Reliability

INNOVATIVE AND RELIABLE

SEE OUR SOLUTIONS

specific batches at short terms of delivery.
The application of latest technologies, the
thorough choice of suppliers and the imple-
mentation of an efficient quality assurance



system has helped us within a very short
period to being trusted by customers world-
wide. It has been possible to gradually
extend our share of OEM products.



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Benefit from our experience!

Our top-quality, technically mature and robust manometric transducers are applied in the solution of diverse and challenging measuring and controlling tasks.

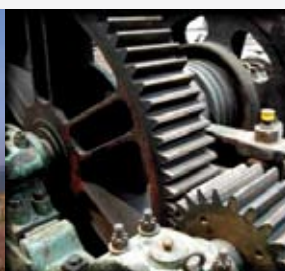


Do your measuring and controlling with
ADZ NAGANO, the new power in the
pressure sensor market!

Our customers in the industrial fields of pneumatics, hydraulics, process technology, compressed-air technology, facility engineering and water technology have come to appreciate us as a reliable service provider. We are also a competent partner in mobile applications, such as mobile hydraulics, engine management, oil-pressure or brake systems and fuel cells, as well as other high-temperature applications.

Apart from our OEM sensors and standard manometric transducers "SML", we develop and manufacture tailor-made versions, such as electronic pressure switches.

The high degree of flexibility that is expected from us is facilitated by our internal structures, the modular design of our products and the latest in signal-processing technologies.



ADZ NAGANO Manometric Transducers distinguish themselves by the following features:

- media-compatible, vacuum-resistant
(e.g., ATF oils, brake fluid, diesel, natural gas)
default pressure range, variably adjustable
(2 bar to 2,000 bar)
(also other ranges on request)
- excellent stability and excessive
load resistance
- fault class $\leq 0.5\%$ F.S.



- application temperature $-40...+125^{\circ}\text{C}$ (140°C)
- ruggedness
- digital electronic calibration
- quality, safety, reliability



10/1998 ADZ Sensortechnik GmbH
founded at the Dresden location
with the objective of developing
and manufacturing electronic
manometric transducers and
mobile applications

Nagano Keiki and Hydrotechnik
GmbH become new shareholders

2001 Development of electronic pressure
switches and manometric trans-
ducers with a frequency output

2002 Further investment into semi-
automatic stations and expansion
of our product range

2003 First certification acc. to
DIN EN ISO 9001:2000

2004 Development of differential-pressure
and absolute-pressure transmitters

2005 Relocation to our new production
and administration building in
Ottendorf-Okrilla

2006 Certification acc. to DIN EN 9100
(Aviation Technology)

2007 Production of the first wireless
transmission systems

2008 Implementation of the new digital
pressure transmitter

10th Anniversary of the company



11/1998 Commissioning of the first circuit-
board and software developments
for the "S" and "SML" series

02/1999 Production of the "S" series
commissioned

2000 Expansion of production and
introduction of the first "SML"
models, also as a floater probe,
into production



SEE OUR SOLUTIONS

Since the foundation of our business we have been regarding our social and cultural engagement as a commitment towards society.

The training of apprentices is one of our top priorities.



Therefore, we provide young people with the best opportunities to prepare for the challenges of their ambitious professional careers. This also secures our further development and future demand of necessary experts and keeps the age structure of our team in balance.

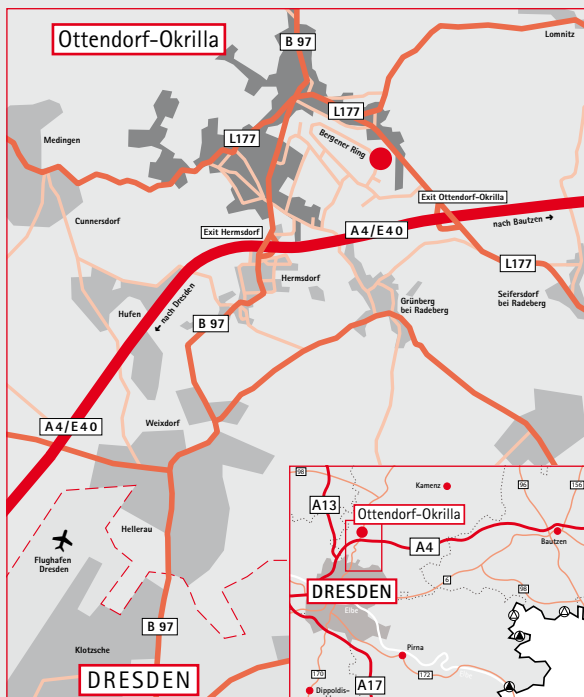
In the same way, we have been engaged for some years now in sports and cultural sponsoring, for example, as long-time partners of the handball association "Oberlausitzer Handballverein Löbau e.V." and of the sports association "Sportverein Eiche 05 Weisen". Furthermore, we have been providing



support to young artists in organising events and have been helping free artists in marketing their artwork by way of exhibitions and project support. This enables us to nurture and promote the diversity of the cultural environment of the Dresden region.



SEE OUR SOLUTIONS



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