

Ceramic thick film
Metal thin film
Piezo-resistive

Custom pressure measurement solutions

for individual OEM applications



 Part of your business

The route to optimal pressure measurement

The consultation starts with the accurate analysis of the application

- The pressure range and the required accuracy
- The electrical and mechanical connection
- The medium to be measured
- Environmental conditions such as shock, vibration and temperature
- The application environment

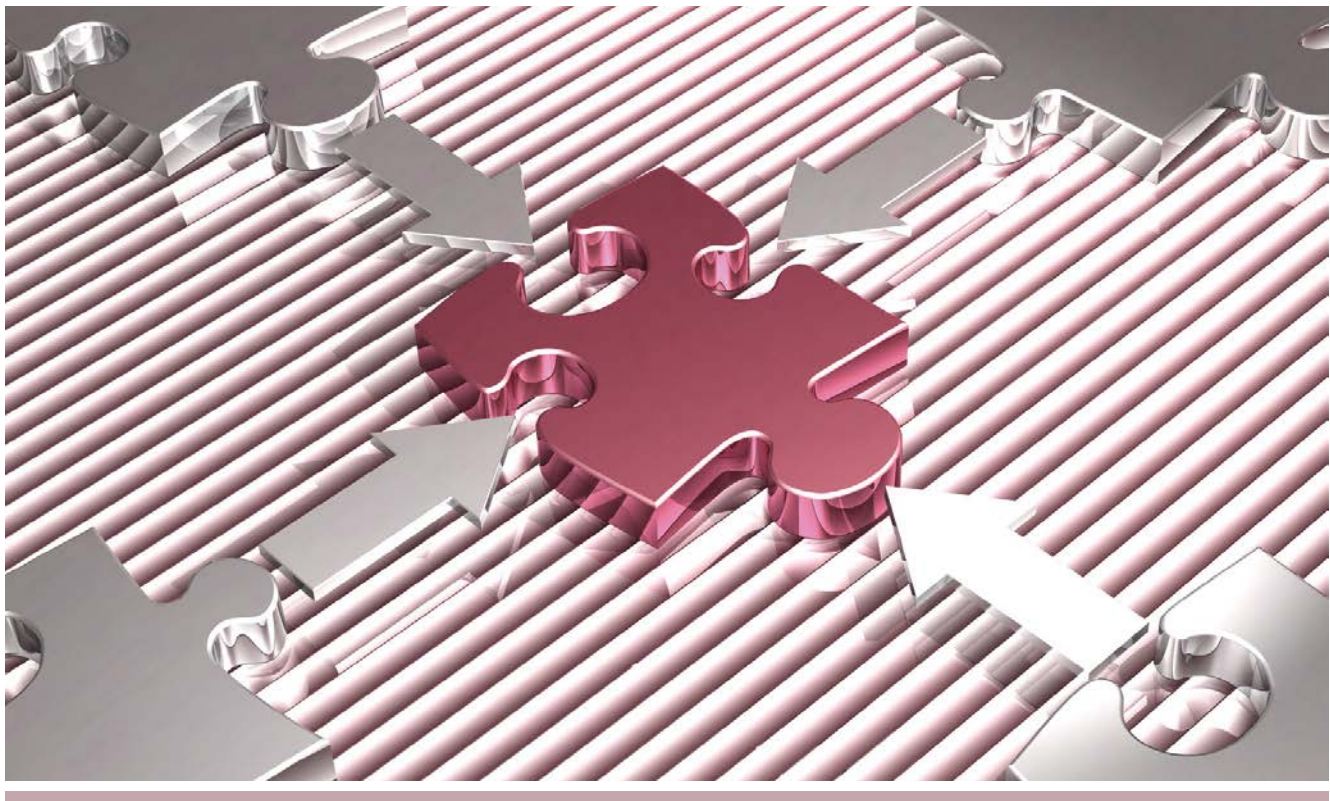
Based on the detailed evaluation of these individual requirements, our specialists will develop the most appropriate concepts.

Planned quantities, ramp-up over time and target costs are further important parameters for the project, the aim of which is the best possible solution for your application - technically and economically.

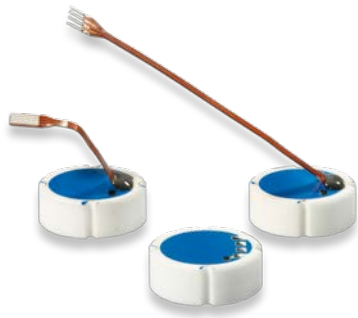
The realisation of your individual solution

Together with you the project phases and the timeline will be established. Here, the experience from a multitude of completed projects is incorporated - thus we can refer back to numerous proven solutions and components. As required, we will adapt our previous systems to your individual application or develop new ones.

Professional product management and modern R&D tools accelerate the development processes. We therefore have the ability to offer an optimal solution for you and your customers.



Three sensor technologies from one source



	Ceramic thick film	Metal thin film	Silicon-based piezo-resistive
Advantages at a glance	<ul style="list-style-type: none"> Very good price/performance ratio Good long-term stability through monolithic sensor design (manufactured from a single piece) Dry measuring cell Temperature compensated sensor signal Excellent media compatibility 	<ul style="list-style-type: none"> Robust against shock and vibration Very high pressure ranges can be achieved Very good pressure spike and burst pressure safety Excellent long-term stability Dry measuring cell Temperature compensated sensor signal Specific sensor material for critical media 	<ul style="list-style-type: none"> Absolute and differential pressure measurement available Suitable for the measurement of very small pressure ranges Very good overpressure safety Very high accuracy Temperature compensated sensor signal possible
Applications	<ul style="list-style-type: none"> Automotive <ul style="list-style-type: none"> Compressed air treatment unit Braking systems Pneumatics Machine building <ul style="list-style-type: none"> Pressure monitoring in valves Pneumatic pressure controllers 	<ul style="list-style-type: none"> Mobile hydraulics Hydraulics Machine building Respiratory protective equipment 	<ul style="list-style-type: none"> Low pressure applications Medical engineering Level measurement Automation engineering



Specialist in electronic pressure measurement

Shaping the future

WIKA has actively participated in the move towards electronic pressure measurement from the very start. In over 60 years of development and manufacture of mechanical and electronic pressure measuring instruments, an extensive know-how has been amassed.

Today, there are over 7,300 employees in the WIKA Group across the world, working to develop pioneering solutions at the highest level of technology for the future.

For more than 30 years WIKA has offered premium electronic pressure measurement technology. More than 400 highly qualified and competent staff are working on innovative solutions for our customers.



Innovative partner for OEM applications

With our high-tech manufacturing facilities and technical experts, WIKA is perfectly equipped for the requirements of the OEM market. Investment in the most up-to-date production lines enables the trouble-free, large-batch production for OEM products.

The advantage for the customer is obvious: low costs with large quantities, short lead times and the highest quality.

10 good reasons why WIKA is your OEM partner

- Customer-specific electronic pressure measurement solutions
- Manufacturer of the three most important sensor technologies
- Short lead times and low costs
- Worldwide presence through subsidiaries and distribution partners
- First-class quality and world-renowned expertise
- Certified to ISO 9001 and ISO/TS 16949
- Many years of experience in pressure measurement technology and quantity production
- Security of delivery through high production capacities
- High innovation potential with over 50 development engineers

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