

# Precise pressure measurements under every conceivable condition

**With our new sensors made of high-strength materials, you leave nothing to chance.**

Our pressure sensors made of stainless steel (PSD series) or ceramic (KKD series) take highly precise readings and are virtually indestructible. They are manufactured by prestigious European OEMs and meet the highest standards in quality.

The PSD sensors take readings using the piezoresistive principle, and the KKD sensors use the capacitive principle. The pressure-measurement cells' absolute or relative measuring range starts as low as 12 mbar and extends up to 50 bar. Both types of sensors measure air pressure in gaseous, liquid and aggressive media.

## Piezoresistive stainless steel sensors



### PSD18-210 model

without media separation

Ø	18 mm
Nominal pressures	0...20 mbar up to 0...7 bar and 0...-1 bar
Media	gases, compressed air, low-viscosity, non-aggressive media

## Ceramic capacitive sensors



### KKD34-701 model

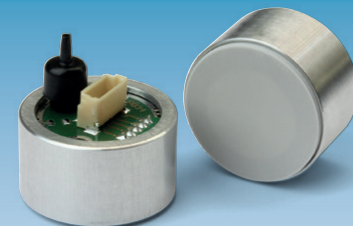
Ø	34 mm
Nominal pressures	0...12 mbar up to 0...20 bar
Media	aggressive media (acids, alkaline solutions, etc.)
Certification	ex partial approvals



### PSD18-410/411 model

with stainless steel membrane

Ø	18 mm
Nominal pressures	0...100 mbar up to 0...35 bar and 0...-1 bar
Media	gaseous and fluid media which are compatible with stainless steel



### KKD18-720 model

Ø	18 mm
Nominal pressures	0...100 mbar up to 0...50 bar
Media	aggressive media (acids, alkaline solutions, etc.)

Ask us which pressure-measurement cells are the right ones for your application. Based on our decades of experience in sensor engineering, we have the necessary expertise to provide you with competent advice during your project. Thanks to production in Europe, these sensors meet the highest standards in terms of accuracy, robustness and service life. The short supply routes also enable us to make fast deliveries to you at all times and implement special requests without any delays.

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