



fill level



water level



pressure



temperature



flow



visualization



signal converter



sensoric



Data sheet

Differential pressure measuring transducer Precont DD109A



The differential pressure measuring transducer Precont DD109A is a universal measuring transducer for small and medium pressures. By fitting it with various pressure sensors, measuring ranges between 2.5 and 100 mbar can be realised. Two connection cables are used for the power supply.

The feed current is the measurement signal from 4...20 mA. The operating state is indicated with an LED.

TECHNICAL DATA	
Power supply (auxiliary energy)	$U_b = 10...36 \text{ V DC}$
Measuring systems	Semi-conductor sensor
Medium	Air as well as dry, non-aggressive gases
Analogue output	4...20 mA (two-wire technique)
Max. admissible load	$R_A = \geq (U_b - 9 \text{ V}) / 0.02 \text{ A}$
Pressure connection	Quick-action coupling: 6 mm external diameter
Ambient temperature	-20 °C...55 °C
Versions:	
Plastic casing	88 x 88 x 53 mm
Electrical connection	Spring clamp terminals 0.2...1.5 mm ²

APPROVAL	
Conformity marking	CE
ATEX	ATEX II 3D T60 °C IP65