



fill level



water level



pressure



temperature



flow



visualization



signal converter



sensoric



Data sheet

Differential pressure measuring transducer Precont DD110A



The differential pressure measuring transducer Precont DD110A is a universal measuring transducer for small and medium pressures. By fitting it with various pressure sensors, measuring ranges between 2.5 and 1000 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	10...36 V DC
Operating temperature	-10 °C...+50 °C
Measuring systems	Semi-conductor sensor
Medium	Air as well as dry, non-aggressive gases
Measuring range:	
mbar	0...2.5 / 5 / 10 / 25 / 50 / 100 / 250 / 500 / 1000
Pressure connection:	
Hose nipple	For hose with 4 mm or 6 mm inside diameter
Analogue output	4...20 mA (two-wire technique)
Accuracy:	
Basic accuracy	±1 % of end value
Temperature drift	±0.05 % / K of end value
Hysteresis	±0.5 % of end value
Electrical connection	Spring clamp terminals for conductors 0.2...1.5 mm ²
Casing:	
Plastic casing	88 x 88 x 53 mm (W x H x D)

APPROVAL	
Conformity marking	CE
ATEX	ATEX II 3D T135 °C IP65 zone 22 (plastic casing only)