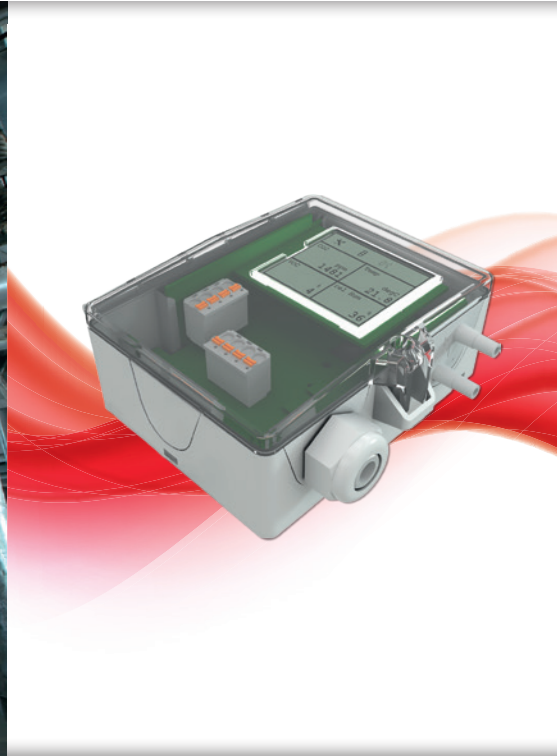


thermokon®

HOME OF SENSOR TECHNOLOGY



HIGH ACCURACY
DPA250+: only ± 1 Pa

ASIRAC **BACnet**

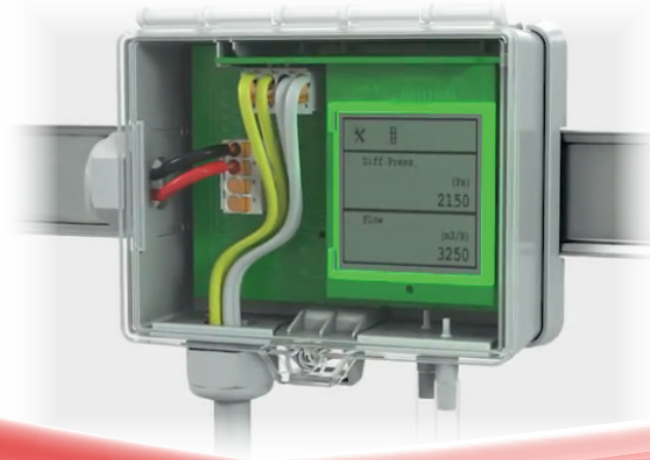
Modbus

LON

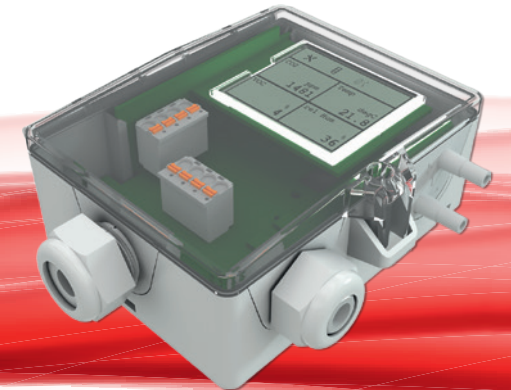
DPA+

DIFFERENTIAL PRESSURE AND
VOLUME FLOW TRANSDUCER





Flexibility in Perfection «



DPA+

Accurate and reliable: Thanks to high quality components the differential pressure transmitter DPA+ can combine high accuracy with high pressure safety (up to 400 kPa bursting pressure).

The USE enclosure enables a fast access to all device installations. Another highlight of the DPA+ are the eight selectable measuring ranges.

In addition, DPA+ is available with LCD and/or RS485 BACnet, RS485 Modbus or LON interface. The set parameters are also indicated. Thus, the measuring values can be easily verified. The DPA+ also outputs the volume flow as a second analog output signal.

ADVANTAGES / HIGHLIGHTS

- » Eight selectable measuring ranges (MultiRange), each measuring range is calibrated separately
- » **High accuracy:**
DPA250+: ±1 Pa at measuring range < 250 Pa
DPA2500+: ±5 Pa at measuring range < 500 Pa
DPA7000+: ±10 Pa at measuring range < 2.000 Pa
- » Optional with automated zero point calibration
- » High pressure safety (up to 400 kPa bursting pressure)
- » Break- and schock proved hinged enclosure "USE", protective class IP65
- » Suitable for DIN-rail mounting
- » Staggered pressure connectors to avoid a bending of the wires

1 DEVICE – 2 MEASURANDS – 8 MEASURING RANGES

The differential pressure transducer DPA+ is available in three different types having **8 adjustable measuring ranges**. In addition, the output of the volume flow is possible as a second analog output signal. **Available outputs:** 2x 0..10 V, 2x 4..20 mA, RS485 BACnet, RS485 Modbus or LON.

TYPES AVAILABLE (also available with LCD):

DPA250+ (Pa)	0..+25	0..+50	0..+100	0..+250	-25..+25	-50..+50	-100..+100	-150..+150
DPA2500+ (Pa)	-100..+100	0..+100	0..+250	0..+500	0..+1.000	0..+1.500	0..+2.000	0..+2.500
DPA7000+ (Pa)	0..+1.000	0..+1.500	0..+2.000	0..+2.500	0..+3.000	0..+4.000	0..+5.000	0..+7.000
Volume flow (m³/h)	0..100	500	1.000	5.000	10.000	50.000	100.000	200.000

0..10 V / 4..20 mA



LON



HOME OF SENSOR TECHNOLOGY

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