

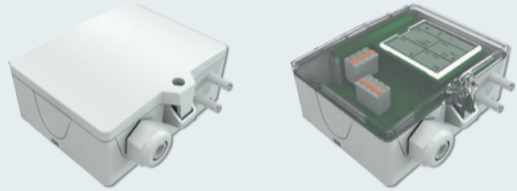


INTRODUCING OUR **NEW** DIFFERENTIAL PRESSURE TRANSMITTER DPA+ / DPA+ LCD

Advantages / Highlights:

- » eight selectable measuring ranges (MultiRange) – each measuring range is calibrated separately
- » improved accuracy due to optimized calibration routine:
 - DPA250+: ±1 Pa at measuring range < 250 Pa
 - DPA2500+: ±5 Pa at measuring range < 500 Pa
 - DPA7000+: ±10 Pa at measuring range < 2000 Pa
- » RS485 Modbus types calculate the volume flow in addition
- » break and shock proved hinged cover housing – protective class IP65
- » staggered pressure connectors to avoid a bending of the wires

NEW

also available with RS485 Modbus interface 	DPT / DPT-D 	DPA+ / DPA+ LCD 
Output differential pressure	0..10 V or 4..20 mA (selectable), RS485 Modbus	0..10 V or 4..20 mA (selectable), RS485 Modbus
Output signal	0..10 V, min. load 1 kOhm 4..20 mA, max. load 500 Ohm	0..10 V, min. load 10 kOhm 4..20 mA, max. load 500 Ohm (24 V DC)
Power supply	15..24 V = (±10%) or 24 V ~ (±10%)	15..24 V = (±10%) or 24 V ~ (±10%)
Power consumption	typ. 1 W (24 V =) 1,3 VA (24 V ~) RS485 Modbus: typ. 1,4 W (24 V =) 2 VA (24 V ~)	typ. 1,1 W (24 V =) 1,7 VA (24 V ~) RS485 Modbus: typ. 1,4 W (24 V =) 2 VA (24 V ~)
Ambient condition	-10..+50 °C	-10..+50 °C
Certification	CE-Conformity: 2004/108/EG Electromagnetic compatibility Product safety 2001/95/EG EMC: EN 60730-1:2002	CE-Conformity: 2004/108/EG Electromagnetic compatibility Product safety 2001/95/EG EMC: EN 60730-1:2012
Measuring range pressure	Selectable at device: DPT 2500-R8: -100..+100 Pa 0..+50 Pa 0..+100 Pa 0..+250 Pa 0..+500 Pa 0..+1000 Pa 0..+1500 Pa 0..+2000 Pa 0..+2500 Pa DPT 7000-R8: 0..+1000 Pa 0..+1500 Pa 0..+2000 Pa 0..+2500 Pa 0..+3000 Pa 0..+4000 Pa 0..+5000 Pa 0..+7000 Pa DPT 2500 RS485 Modbus: DPT 7000 RS485 Modbus: 0..2500 Pa 0..7000 Pa	Selectable at device: DPA250+ / DPA250+ RS485 Modbus: 0..+25 Pa 0..+50 Pa 0..+100 Pa 0..+250 Pa -25..+25 Pa -50..+50 Pa -100..+100 Pa -150..+150 Pa DPA2500+ / DPA2500+ RS485 Modbus: -100..+100 Pa 0..+100 Pa 0..+250 Pa 0..+500 Pa 0..+1000 Pa 0..+1500 Pa 0..+2000 Pa 0..+2500 Pa DPA7000+ / DPA7000+ RS485 Modbus: 0..+1000 Pa 0..+1500 Pa 0..+2000 Pa 0..+2500 Pa 0..+3000 Pa 0..+4000 Pa 0..+5000 Pa 0..+7000 Pa Volume flow: 0..100 500 1.000 5.000 10.000 50.000 100.000 200.000 m³/h
Accuracy pressure	±1,5% of greatest measuring range, ±6 Pa at range <250 Pa	DPA250: ±1 Pa at range <250 Pa DPA2500: ±5 Pa at range <500 Pa, ±10 Pa at range >500 DPA7000: ±10 Pa at range <2000 Pa, ±25 Pa at range >2000
Automatic Zero-Point Calibration	Optional	Optional
Display	LCD, optional	LCD, optional (dimensions: 37,5x31,6 mm)
Cable entry size	M16	M20 for wire max Ø=8 mm, sealing insert for double cable entry for wire max Ø=6 mm
Protection	IP54 according to EN 60529	IP54 according to EN 60529, IP65 according to EN 60529, with bolted cover
Connection electrical	Terminal block, max. 1,5 mm ² 3-Wire, RS485 Modbus: 4-wire	
Connection wire	PVC, soft	
Enclosure	ABS, PC	hinged lid enclosure, PA6
Delivery contents	2 mounting screws, 2 plastic duct flanges, 2 m PVC connection tube	2 mounting screws, 2 plastic duct flanges, 2 m PVC connection tube