



# PRIGNITZ

## Mikrosystemtechnik

### Product Overview Difference Pressure Transmitter



## DDPT Difference Pressure Transmitter Low Pressure

The DDPT used for the measurement of differential pressures in nonaggressive air and other gases. This transmitter is used in pneumatics, process measurement technology and in building technology. Applications include the monitoring of air ducts, filters or fans.

The extended media compatibility of the DDPT N also allows for the measurement of pressing in slightly aggressive media. The convenient operation allows the switching of measurements and a resetting after installation. This can offset error by the mounting position compensated.

	DDPT-10	DDPT-20
Output	4 ... 20 mA - 2 Cable	0 ... 10 V
Supply Voltage	14 ... 30 V DC	14 ... 30 V DC   15 ... 27 V AC
Measuring Range */**/**		
- DDPT	1 - 2 - 4 mbar   2,5 - 5 - 10 mbar   12,5 - 25 - 50 mbar	
- DDPT N	5 - 10 - 20 mbar   10 - 20 - 40 mbar	
Measuring Range switchable	yes	
Output digital	optional	
Linearity Error	+/- 1,0 % FS	
Process Connection	Tube Connection 3,5 / 5 mm	
Process Temperature	0 °C ... + 50 °C	
Protection Class	IP 65	



## DDPTM Difference Pressure Transmitter High Pressure

The transmitters will be used to measure differential pressures in air, liquids and oils. This transmitter is use in pneumatics and process technology.

The fully digital switching allows for the realization of measurements and a resetting after installation. To offset error can be compensated.

He can double or half a difference range. The range of values in the display can be selected. The units are on the right side appears.

Optional provides access to the data in digital form possible, with up to 120 transmitters of this series on a bus can be operated. The connection is via bus coupler modules.

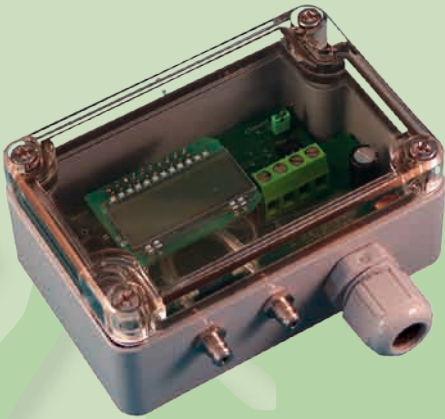
## DPCT-1 Combi Transmitter

The DDPC-1 is used to measure differential pressures in nonaggressive air and other gases. Applications include the monitoring of air ducts, filters or fans.

The convenient operation allows the switching of measurements and a resetting after installation. This can offset error by the mounting position compensated.

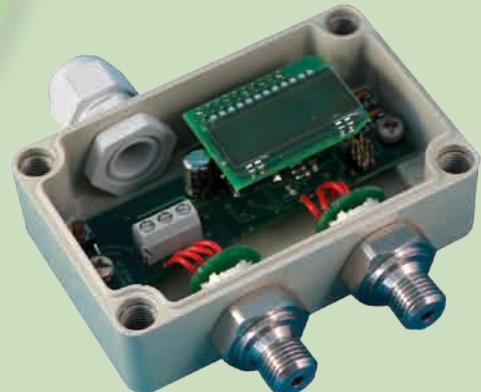
The DDPC is a combined transmitter of both than 4 ... 20 mA current loop or 0 ... 10 V voltage output can be connected.

It is a switching available. The thresholds and switching point can the manufacturer or through a service unit should be defined.



Measuring Range */**/**	1 - 2 - 4 mbar 2,5 - 5 - 10 mbar 12,5 - 25 - 50 mbar
Measuring Range switchable	yes
Output Depending on the circuit	0 ... 10 V   4 ... 20 mA - 2 Cable
Output digital	optional
Supply Voltage	15 ... 30 V AC
Switching Outlet	Transistor npn
Linearity Error	+/- 1,0 % FS
Process Connection	Tube Connection 3,5 / 5,5 mm
Process Temperature *	0 °C ... + 50 °C
Protection Class	IP 65

	DDPTM-10	DDPTM-20
Output	4 ... 20 mA - 3 Cable	0 ... 10 V
Supply Voltage	14 ... 28 V DC +/- 10 %	
Line Pressure	5 ... 2000 bar	
Measuring Range	> 5 % of Line Pressure	
Output digital	optional	
Linearity Error	+/- 1,0 % FS	
Total Error	+/- 2,5 % FS	
electr. Supply	Screw terminal in the casing	
Process Connection	on request	
Process Temperature	0 °C ... + 50 °C	
Membrane	Steel	
Protection Class	IP 65	



## Contact



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