

DIFFERENTIAL PRESSURE TRANSMITTERS

WITH MODBUS INTERFACE AND INPUT TERMINAL



DPT-IO-MOD

DPT-IO-MOD differential pressure transmitter for air is designed for Modbus (RTU) communication network. The DPT-IO-MOD has an input terminal that turns it into a multifunction transmitter. When using the input terminal, temperature transmitters can be replaced with temperature sensors. Very precise pressure sensor and easily operated interface make the device reliable and user-friendly.

USAGE & APPLICATIONS

The DPT-IO-MOD is used for measuring low pressures of air and non-combustible gases in order to monitor and control building automation, HVAC and cleanroom systems.

TECHNICAL DETAILS

Communication:	RS-485 Modbus (RTU)
Accuracy (from applied pressure):	Pressure < 125 Pa = 1 % + ±2 Pa Pressure > 125 Pa = 1 % + ±1 Pa
Accuracy (from applied pressure):	Pressure < 125 Pa = 1.5 % + ±2 Pa Pressure > 125 Pa = 1.5 % + ±1 Pa
Zero point calibration:	via Modbus or by pushbutton
Measuring units:	Pa, kPa, mbar, inchWC, mmWC, psi
Supply voltage:	24 VDC ±10 % / 24 VAC ±10 %
Power consumption:	< 1.3 W
Operating temperature:	-10...+50 °C
Response time:	1...20 s selectable via menu
Protection standard:	IP54

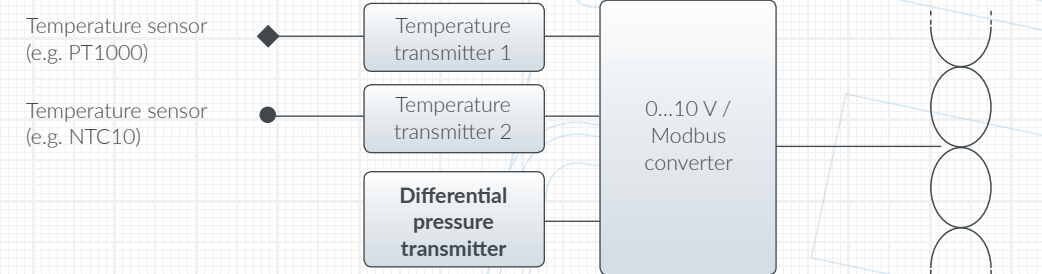
SAVE IN COSTS OF THE DEVICES AND IN THE INSTALLATION COSTS

DPT-IO-MOD

Example: DPT-IO-MOD-2500-D	Product series	
	DPT	Differential pressure transmitter
	Model type	
	-IO-MOD	Input terminal and Modbus communication
		Measuring ranges (Pa)
	-2500	-250...2500
	-7000	-250...7000
		Display
	-D	With display
Model	DPT	-IO-MOD -2500 -D



Traditional system:



New system with DPT-IO-MOD or DPT-Dual-MOD

