

HK INSTRUMENTS

USER-FRIENDLY MEASURING DEVICES

NEW!



DIFFERENTIAL PRESSURE TRANSMITTERS

DPT-PRIIMA

HIGH ACCURACY

**HIGH ACCURACY TRANSMITTER
FOR DEMANDING APPLICATIONS**

HK INSTRUMENTS

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DPT-PRIIMA

HIGH ACCURACY

DPT-PRIIMA

DPT-Priima is a high accuracy differential pressure transmitter designed for cleanrooms and other high accuracy applications. DPT-Priima has a new, extremely accurate sensor, optional span point calibration and automatic zero point calibration.

USAGE & APPLICATIONS

DPT-Priima is used in applications where the required accuracy is higher than the regular building automation pressure transmitters can reach. The most common applications are pressure monitoring in cleanrooms and over the building envelope.

OPTIONS

AZ: autozero element **D:** display **S:** span point calibration

TECHNICAL DETAILS

Accuracy (from applied pressure):	0.4 % + ± 0.4 Pa
Measuring ranges (Pa):	-25...+25 / -50...+50 / -100...+100 / -500...+500 / 0...25 / 0...50 / 0...250 / 0...1000
Zero point calibration:	automatic with autozero element (-AZ) or by pushbutton
Measuring units:	Pa, kPa, mbar, inchWC, mmWC, psi
Supply voltage:	24 VDC ± 10 % / 24 VAC ± 10 %
Power consumption:	< 1.0 W (< 1.2 W with output current 20 mA)
Output signals (3-wire):	0...10 VDC 4...20 mA
Operating temperature:	-20...+50 °C (with autozero calibration -5...+50 °C)
Response time:	0.4 / 8 s
Protection standard:	IP54

DPT-PRIIMA

Example: DPT-Priima-AZ-D-S	Product series				
	DPT	Differential pressure transmitter			
		Model type			
	-Priima	High accuracy			
		Zero point calibration			
	-AZ	With autozero calibration			
		Standard with pushbutton manual zero point calibration			
		Display			
	-D	With display			
		Without display			
		Span point calibration			
	-S	Span point calibration			
		Without span point calibration			
		Calibration certificate			
		-C With calibration certificate			
		Without calibration certificate			
Model	DPT	-Priima	-AZ	-D	-S



**DPT-PRIIMA TOGETHER WITH SPP
(STATIC PRESSURE PORT) IS A
COMPLETE SOLUTION FOR BUILDING
ENVELOPE MEASUREMENT**