

Pressure sensors

Differential pressure transmitter for air (with display)



Differential pressure transmitter (with display) for air-conditioning/ventilation. For filter-, fluid-, level monitoring, fan-, blower-, valve-, flap-, air flow control, and environmental protection.

Pressure connection	6mm hose pipe
Wiring connection	screw terminal block for wire up to 1,5mm ²
Protection class	IP54
Materials	ABS and POM
Media temperature	-10 ... 70 °C
Power supply	24 Vacdc; 1 VA
Approvals	EN50081-2, EN50082-2
Additional description	Duct Kit DPSK included in delivery of single package.

With voltage output

Pressure range Pa	Allowable maximum pressure kPa	Model	Output signal	Type
0 ... 100	25	without LCD	0..10V=	DPT100
0 ... 250	25	without LCD	0..10V=	DPT250
0 ... 500	25	without LCD	0..10V=	DPT500
0 ... 1000	25	without LCD	0..10V=	DPT1000
0 ... 2500	30	without LCD	0..10V=	DPT2500

With voltage output and display for pressure value

Pressure range Pa	Allowable maximum pressure kPa	Model	Output signal	Type
0 ... 250	25	with LCD	0..10V=	DPT250D
0 ... 500	25	with LCD	0..10V=	DPT500D
0 ... 1000	25	with LCD	0..10V=	DPT1000D
0 ... 2500	30	with LCD	0..10V=	DPT2500D

With current output

Pressure range Pa	Allowable maximum pressure kPa	Model	Output signal	Type
-50 ... 50	25	without LCD	4..20mA	DPT53
-100 ... 100	25	without LCD	4..20mA	DPT103
0 ... 250	25	without LCD	4..20mA	DPT253
0 ... 500	25	without LCD	4..20mA	DPT503
0 ... 1000	25	without LCD	4..20mA	DPT1003
0 ... 2500	30	without LCD	4..20mA	DPT2503
0 ... 5000	50	without LCD	4..20mA	DPT5003

Accessories

Duct Kit, including 2m silicone-hose and 2 joining pipes DPSJ with screws	DPSK
Mounting brackets L-shaped	DPSL