

Differential Pressure Controller

The DPC differential pressure controller is suitable for non-corrosive media. The controller outputs a 0-10V DC signal suitable for controlling ebm-papst EC fans. The DPC can display and control based on pressure or volume as a closed loop system. For volume control a K factor needs to be input into the controller.



Part Number	Supply Voltage	Current input at 10 VDC		Measuring ranges available	Ambient Temperature	Weight
	VDC	mA	mA			
DPC200-EP50	10... 30	7	12	0... 50	0... +50	90
DPC200-EP500	10... 30	7	12	0... 500	0... +50	90
DPC200-EP1000	10... 30	7	12	0... 1000	0... +50	90
DPC200-EP2000	10... 30	7	12	0... 2000	0... +50	90
DPC200-EP4000	10... 30	7	12	0... 4000	0... +50	90

• Functions:

- Selection of control or measurement mode
- Analogue output 0 ... 10V, with adjustable limitation in control mode
- 2 set values can be set in the device
- PI algorithm with separate input of P and I parameters and control response as for ebm-papst products
- Switchable measurement quantities (differential pressure or air flow)
- Switchable units (metric or imperial)
- 'Standard' or 'Inverse' control response
- Air flow calculation following input of k-factor

