

Digital Pressure Controller

➤ Feature

- » Digital pressure controller can completely replace and outperform the pressure gauge-pressure switch kit on a pressure tank system and/or the pressure control device.
- » Digital pressure switch is characterized by its accuracy and high resolution.
(Accuracy: $\pm 1\%$ F.S./Resolution: 0.01 bar/ 0.01kg/cm²/ 0.1psi)
- » Dry Running protection
- » Delayed shutdown function

➤ Specification

Power Supply:	115V-220Vac $\pm 10\%$ 50/60HZ
Pressure Connection:	R 1/4"
Accuracy:	$\pm 1\%$ F.S.
Overload Capacity:	Tested to 1.5 x the rated pressure
Output of Relay:	ON/OFF
Relay Capacity: (Max. Motor size)	110V up to 1HP(0.75kW) 220V up to 2HP(1.5kW)
Max. current:	12A
Sampling rate:	5 times/second
Working Temperature:	-10 °C ~ 65 °C

➤ Selection Chart

Model	Port material	Setting range	Enclosure size
DPC-10	Brass	0-10bar	3"
DPC-16	AISI 304	0-16bar	
DPC-25	AISI 304	0-25bar	

➤ Application

- » Water pump
- » Fire pump set
- » Booster system

➤ Character

- » Clearly indicating by 3-ways LED digital value.
- » DPC switches have a longer life expectancy than a mechanical switch.
- » Nice controlling accuracy and fast response.
- » Anti-vibration, strong anti-jamming ability.
- » Easy to connect the wires and install.
- » Displays the current system pressure, removing the need for additional pressure gauge.
- » Can set on and off switching pressure and set dry running alarm pressure and detection time which are customisable by the user.
- » Soft stop-using adjustable delay after the off pressure has been achieved- reduces cycling and water hammer issues.
- » DPC-16 and DPC-25 have addition protection limiting maximum starts per hour, protecting the pump from rapid cycling.
- » The DPC-16 and DPC-25 feature an adjustable restart delay 0~90 minutes, controlling the pump cycle rate.
- » If connected through a contactor, the DPC switches can operate pumps with higher voltages and current.

