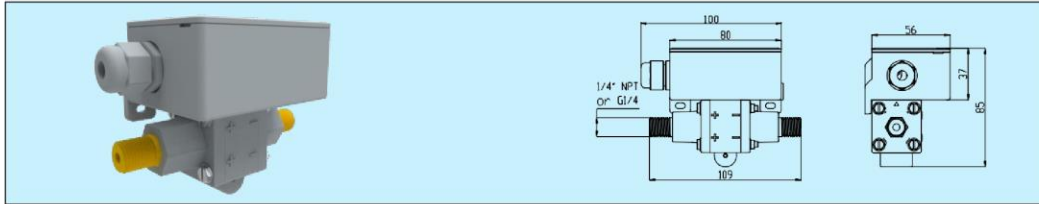


WDPS Adjustable Fluid Diff. Pressure Switch/Alarm



Application & Features

Monitor the pressure drop, overpressure and other differential pressure of non-combustible, non-aggressive liquids such as water or oil. It can be used in the control of water flow in various heat exchanger, chiller, or water pump and filter.

Specifications

Adjustable ranges and Dead Band(DB): see models

Max static pressure: 16bar

Working medium temperature: -10~70°C

Working temperature: -20~70°C

Storage temperature: -30~80°C

Electrical characteristics:

Model	WDPS	WDPS1	WDPS2
Power	-	85~250VAC	9~28VAC/DC
LED Alarm	-	Red/Green LED	Red/Green LED
Relay	SPDT,3A/30VDC, or 3A/250VAC	-	SPST, 3A,30VDC/AC
EMC	GB14536.1/GB14536.7, IEC60730-1/IEC60730-2-6		
Electrical wiring	Screw terminals		

Pressure connection: G1/4, 1/4" NPT or others

Repeatability: ±2%

Material:

Hydrolysis resistant nylon housing (flame retardant UL94V-0), copper pressure connector, NBR membrane

Weight: 370g

Protection: IP65

Approval: CE

Accessories (should be ordered separately):

Buffer Tube or Pressure Snubber should be applied according to specific application, refer to Accessories.

Models

Model	WDPS		Fluid DP Switch Fluid DP Alarm (LED Alarm) Fluid DP Switch & LED Alarm
	WDPS1	WDPS2	
Adjustable Range and Dead Band	0		Range 8~20kPa, DB 4±2kPa
	1		Range 10~40kPa, DB 4±3kPa
	2		Range 10~100kPa, DB 5±4kPa
	3		Range 20~200kPa, DB 10±6kPa
	4		Range 100~400kPa, DB 18±13kPa
Process Connection	2		1/4 NPT
	4		G1/4
	7		Others

Accessories (should be ordered separately)



A-S53-N

Model	Descriptions
A-S51-N	Buffer tube, straight connect, for protecting pressure instruments in water systems. SS304, temperature 150°C, pressure 2Mpa, 1/4"NPT, one end is external thread and the other is internal
A-S51-G	Buffer tube, straight connect, for protecting pressure instruments in water systems. SS304, temperature 150°C, pressure 2Mpa, G1/4, one end is external thread and the other is internal
A-S52-N	Buffer tube, 90° angle connect, for protecting pressure instruments in water systems. SS304, temperature 150°C, pressure 2Mpa, 1/4"NPT, one end is external thread and the other is internal
A-S52-G	Buffer tube, 90° angle connect, for protecting pressure instruments in water systems. SS304, temperature 150°C, pressure 2Mpa, G1/4, one end is external thread and the other is internal
A-S53-N	Pressure snubber, for protecting pressure instruments in water systems by dampening surges and pulsations. SS304, temperature 150°C, pressure 3.5Mpa, 1/4"NPT, one end is external thread and the other is internal
A-S53-G	Pressure snubber, for protecting pressure instruments in water systems by dampening surges and pulsations. SS304, temperature 150°C, pressure 3.5Mpa, G1/4, one end is external thread and the other is internal