

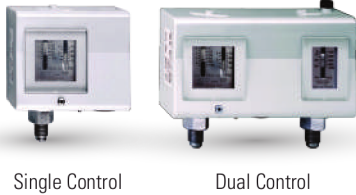
PRESSURE SWITCH



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General Duty Pressure Switch



Heavy Duty Pressure Switch



Differential Pressure Switch



Process & Industrial Application



Flame & Explosion Proof Application



APPLICATION

Suitable for air compressors, water pumps, booster pumps, fire-fighting equipment, oil supply equipment, high-pressure cleaning apparatus

FEATURES

General Duty Pressure Switch

- Adjustable pressure range
- Narrow adjustable differential depending on model
- Range & differential pointer in units Bar & Psig
- Range & differential individually lockable by wire seal
- High rated SPDT contacts for all versions
- Shatter resistant contacts
- Heavy duty, finger-proof terminal blocks
- Captive terminal and cover screws
- Dual pressostats with two independent SPDT switches
- Manual toggle for system checkout & override
- Standard pressure connection :
7/16" -20 UNF for 1/4" SAE male flare connection
- Low pressure and high pressure versions available with TUV approval acc. to EN 12263 to meet requirements of DIN 8901 and EN 378
- Automatic and manual reset versions
- Some versions with convertible auto/manual reset
- Locking plate and mounting screws included

Heavy Duty Pressure Switch

- Large space for cable mounting
- Easy to adjust
- Separate screw for upper and lower switching-point setting
- Accurate scale
- Transparent, UV-resistant cover
- Protection class : IP 65
- Worldwide approvals
- High repeatability of set switch-points

Differential Pressure Switch

- Immediate reset (no cooling down period)
- Precise timing
- Adjustable time delay from 20 to 150 sec (ZU types)
- Separate output signals for operation and alarm
- Suitable for supply voltage 24 to 240 VAC / DC
- Pressure connection :
Flare 7/16" -20 UNF, 1/4" SAE male

SPECIFICATION - GENERAL DUTY PRESSURE SWITCH

Type	Upper Switch Point Adjustable from ... to (Bar)	Differential Pressure Adjustable from ... to (Bar)	Minimum Lower Switch Point (Bar)	Maximum Pressure (Bar)
PS1 - A2R	-0.8 ... 1.5	0.2 ... 1	-1	12
PS1 - A1R	-0.75 ... 3	0.25 ... 2	-0.9	16
PS1 - A3R	-0.5 ... 7	0.5 ... 5	-0.9	25
PS1 - A8R	-0.5 ... 8	0.5 ... 5	-0.9	12
PS1 - A6R	4 ... 12	0.5 ... 7	0.1	16
PS1 - A4R	1 ... 20	1 ... 10	0.3	23
PS1 - A5R	6 ... 31	2 ... 15	3	36
PS1 - A3C*	-0.5 ... 7	0.5 ... 5	-0.9	25
PS1 - A5C*	6 ... 31	2 ... 15	3	36

Note : * Material : Stainless steel bellows

SPECIFICATION - HEAVY DUTY PRESSURE SWITCH

Type	Upper Switch Point Adjustable from ... to (Bar)	Lower Switch Point Adjustable from ... to (Bar)	Smallest Differential at Lower ... Higher End of Range	Max. Operating Pressure (Bar)
FF 4-2 DAH	0.11 ... 2	0.04 ... 1.89	0.07 0.11	20
FF 4-4 DAH	0.22 ... 4	0.07 ... 3.75	0.15 0.25	24
FF 4-8 DAH	0.5 ... 8	0.2 ... 7.5	0.3 0.5	30
FF 4-16 DAH	1 ... 16	0.4 ... 15	0.6 1	36
FF 4-32 DAH	2 ... 32	0.8 ... 30	1.2 2	52
FF 4-60 PAH	8 ... 60	4 ... 52	4 8	100
FF 4-120 PAH	16 ... 120	8 ... 104	8 16	200
FF 4-250 PAH	30 ... 250	14 ... 226	12 24	400

SPECIFICATION - DIFFERENTIAL PRESSURE SWITCH

Differential Pressure Controls Type	Time Delay		Cut Out		Max. Differential Pressure (Bar)	Max. Proof Pressure (Bar)
	Adjustable (Sec.)	Factory Setting (Sec.)	Adjusting Range Δp (Bar)	Factory Setting (Bar)		
FD 113	-	-	0.3 ... 4.5	0.7	-0.8 ... 12	25
FD 113 ZU	20 ... 150	120				
FD 113 ZU (A22-057) Copeland™ Brand Products	-	115 fix	-	0.63 fix		

*Specification given are subject to changed without further notice.