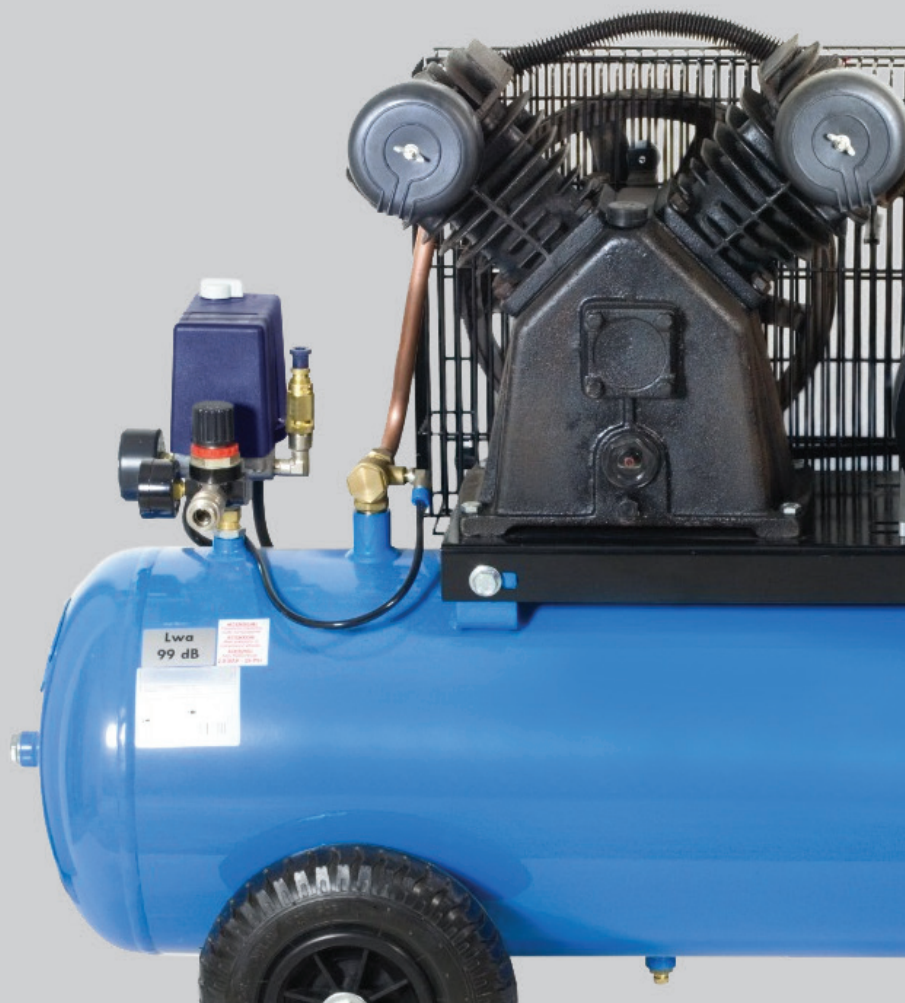
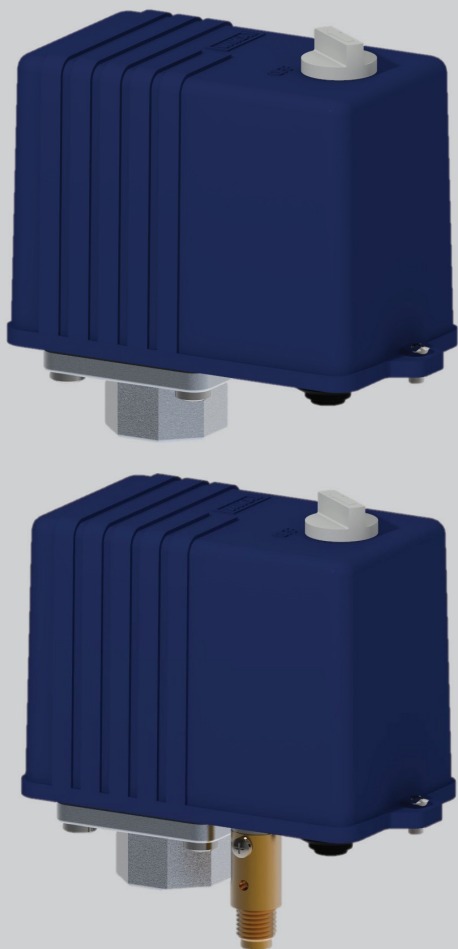


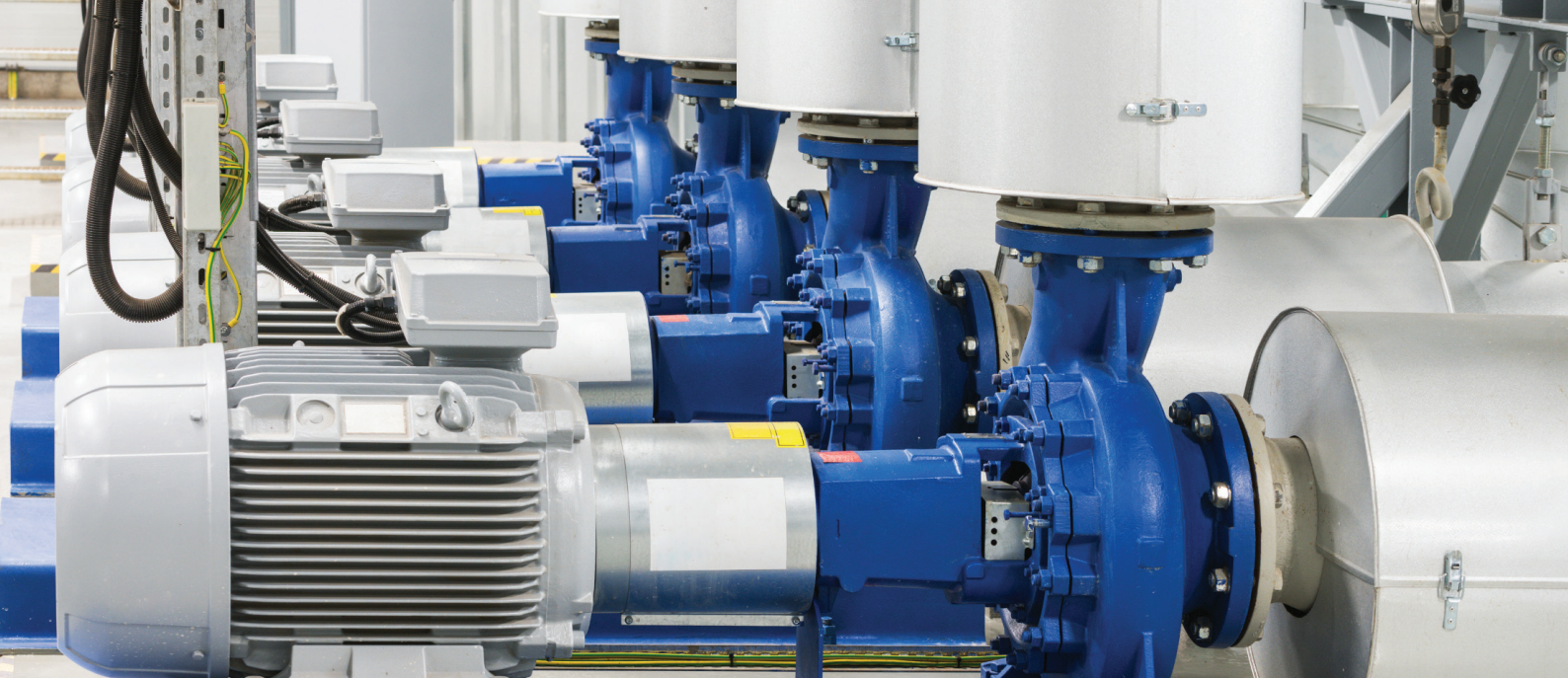
Robust & Reliable

Heavy Duty Pressure Switch for Industrial Air Compressor



WIKAI

Part of your business



Pressure Switch Mechanical Model PSM- 630

PSM-630, a mechanical pressure switch with three pole electrical switching system. It comes with single phase option as well. The switching position of contact depends upon the pressure and differential setting done before operation.

The pressure switch is fitted with a manual on/off knob that will turn off the connected system independent of inlet pressure. Pressure switch with relief valve is used in air compressor, so that pressure can be released from the compressor piston before it starts again. It is suitable for automatic start and stop of the air compressor and water booster pumps.

Application:

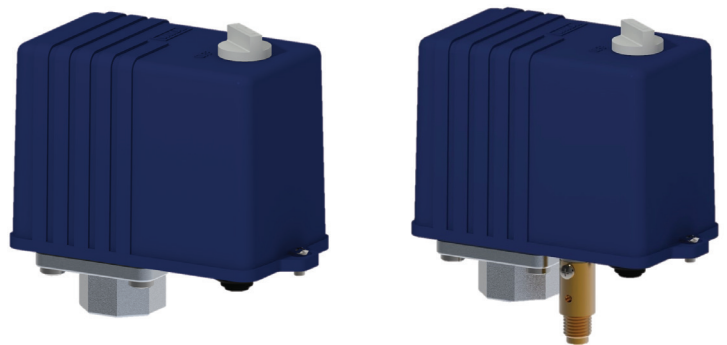
- To maintain and control the air pressure for air compressors and water pump

Air compressor:

- Pressure switch is used to control air pressure in storage tank of air compressor. Switch gives signal on cut-off value to stop the air compressor and at cut-in value again to start the compressor.
- Relief valve or unloader valve is used to release the pressure over the compressor piston when the electric motor stops, so that the compressor can re-start without pressure load on piston.

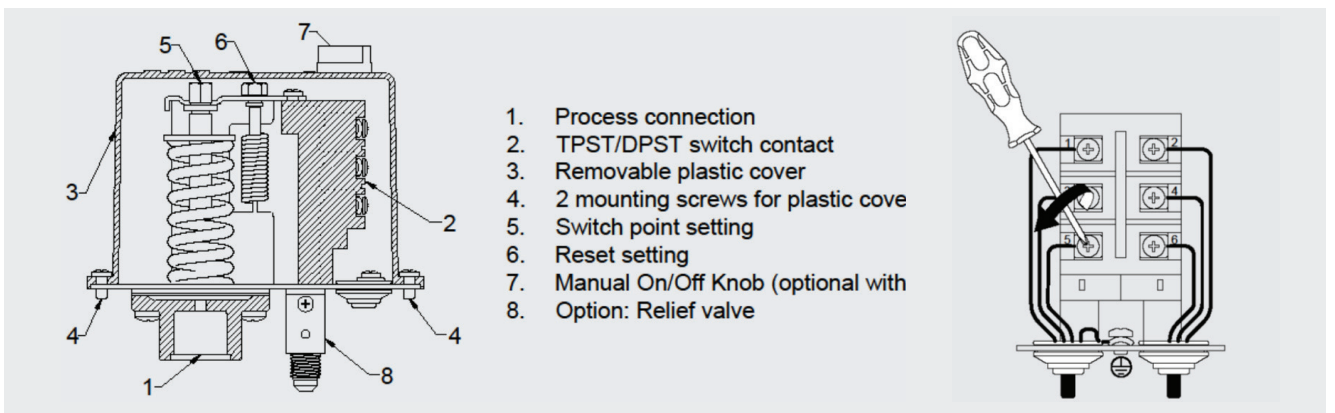
Product Features:

- Pressure range 1-16 bar.
- Adjustable differential 0.7-7bar
- High current rating 16A 250V / 440V AC
- Two different variants for 1-Phase and 3-Phase application (DPST / TPST Contact)
- Normally close-type contacts
- Single port or four-port process connection
- Snap action mechanism
- Manual on-off knob on top of the switch



Water booster pump:

- Pressure switch is used to control automatic on-off function of a booster pump.
- Cut-off and Cut-in points are adjustable at site.
- Locking arrangement for differential.
- Suitable for single phase and three phase motor.
- Wide range and differential.



1. Process connection
2. TPST/DPST switch contact
3. Removable plastic cover
4. 2 mounting screws for plastic cove
5. Switch point setting
6. Reset setting
7. Manual On/Off Knob (optional with
8. Option: Relief valve

Range	1...16 Bar
Differential	0.7...7 Bar
Contact type	DPST / TPST contact
Electrical rating	AC-3 16A 250V / 440V AC
Ingress protection	IP:44
Vibration grade	4g
Manual reset	Yes, on top of cover
Relief valve	Yes,
Max working pressure	24 bar
Process Temperature	-20 to 70°C

ORDERING INFORMATION

Range	Contact			
	Double pole single throw (DPST)		Triple pole single throw (TPST)	
	With relief valve	Without relief valve	With relief valve	without relief valve
1 ... 5 Bar	NA	65964310	NA	65964315
2.5 ... 11 bar	65964308	65964311	65964313	65964316
6 ... 16 bar	65964309	65964312	65964314	65964317

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