

Compact Mechanical Pressure Switches



SERIES 200

The NOSHOK 200 Series Mechanical Pressure switch is one of the most versatile that we offer. It is available in a multitude of pressure ranges with either normally open or normally closed contacts. There is an external adjustment screw for on-site setting of the switch point and is available with a rubber cover to protect it from tampering or adverse environmental conditions. The 200 series mechanical switch operates using a high quality diaphragm or piston element to open or close a micro-switch. There is a built in mechanical overload stop to protect both the spring and micro-switch from damage caused by over pressure.

The NOSHOK 200 Series Mechanical Pressure switch is available in special versions with stainless steel or brass housing, EPDM, Viton or PTFE elastomers and gold contacts for low switching currents.

FEATURES

- High over pressure protection
- Compact size
- External adjustment screw

APPLICATIONS

- Hydraulic systems
- Industrial machinery or machine tools
- Pumps and compressors

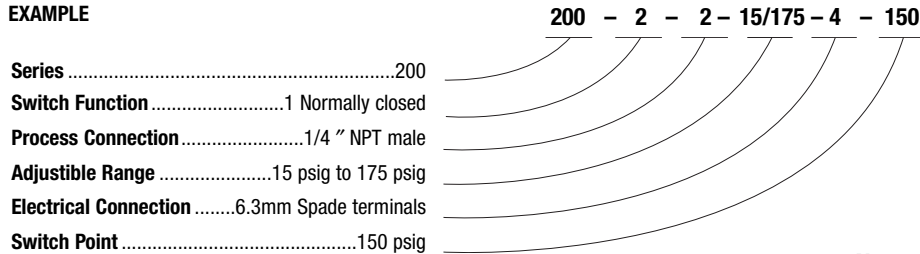
SPECIFICATIONS

Pressure Ranges	0 psig to 5 psig through 0 psig to 6000 psig	
Measuring Element	NBR diaphragm, optional Viton, EPDM or PTFE	
Process Connection	1/4 " npt male, optional 1/8 " npt male	
Connection Material	Zinc plated steel, optional stainless steel or brass	
Case	Zinc plated steel, optional stainless steel or brass	
Switching Function	1 SPST N.O. or N.C. contact	
Adjustment	Adjustment screw from 5 psig to 6000 psig dependent on full scale range	
Hysteresis	Diaphragm type	< 10% of the adjusted value
	Piston type	< 15% of the adjusted value
Repeatability	5% of the adjusted value	
Contact Rating	up to 48 VDC	1 A
	up to 48 VAC	2 A
Contact Material	Silver plated, optional gold plated	
Temperature Ranges	Storage	-13° F to 185° F (-25° C to 85° C)
	Media	-13° F to 185° F (-25° C to 85° C)
	Ambient	-13° F to 185° F (-25° C to 85° C)
Electrical Connection	6.3mm Spade terminals	
Environmental Protection	Housing	NEMA 4:IP65
	Electrical connection	NEMA 0:IP00, optional NEMA 3:IP54
Weight	Approximately 0.07 lbs	

ORDERING INFORMATION					
SERIES	200				
SWITCH FUNCTION	1 1 Normally Open 2 1 Normally Closed				
PROCESS CONNECTION	2 1/4" NPT Male				
ADJUSTABLE RANGE <i>(Max. working Pressure)</i>	5 psig to 30 psig (30 psig)	5/30	150 psig to 1000 psig (1000 psig)	150/1000	
	3 psig to 35 psig (350 psig)	3/35	150 psig to 1500 psig (4500 psig)	150/1500	
	15 psig to 150 psig (150 psig)	15/150	300 psig to 3000 psig (4500 psig)	300/3000	
	15 psig to 175 psig (350 psig)	15/175	750 psig to 3000 psig (3000 psig)	750/3000	
	70 psig to 700 psig (3000 psig)	70/700	750 psig to 6000 psig (7500 psig)	750/6000	
ELECTRICAL CONNECTION	4 6.3mm Spade Terminals				
SWITCH POINT <i>(If Required)</i>	Specify Pressure				

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

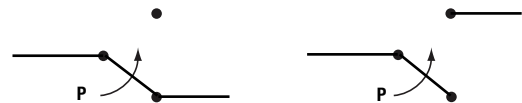
EXAMPLE



Switch Wiring and Schematics

Normally Closed

Normally Open



Outline Dimensions

