

Miniature, Low Pressure Mechanical Switch



SERIES 100

The NOSHOK 100 Series Mechanical Pressure switch is constructed of a one piece housing that makes it highly durable for use in the most rugged applications. The compact design of the switch allows it to be installed in locations where space is limited. The 100 Series switch utilizes a proven diaphragm type sensing element and has an external adjustment screw for ease of setting the switching point on-site. Special versions are available with alternate diaphragm, housing and contact materials to meet most requirements.

The NOSHOK 100 Series Mechanical switch is the ideal choice when reliability, accuracy and cost are a priority.

SPECIFICATIONS

Pressure Ranges	0 psig to 30 psig through 0 psig to 150 psig	
Measuring Element	NBR diaphragm, optional Viton or EPDM	
Process Connection	1/8" npt male	
Connection Material	Brass, optional stainless steel	
Case	Brass, optional stainless steel	
Switching Function	1 SPST N.O. or N.C. contact	
Adjustment	Adjustment screw from 5 psig to 150 psig dependent on full scale range	
Hysteresis	< 10% of the adjusted valve	
Repeatability	5% of the adjusted value	
Contact Rating	up to 42 VDC - 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	
Weight	Approximately 0.07 lbs	

FEATURES

- One piece machined housing
- Compact size
- External adjustment screw

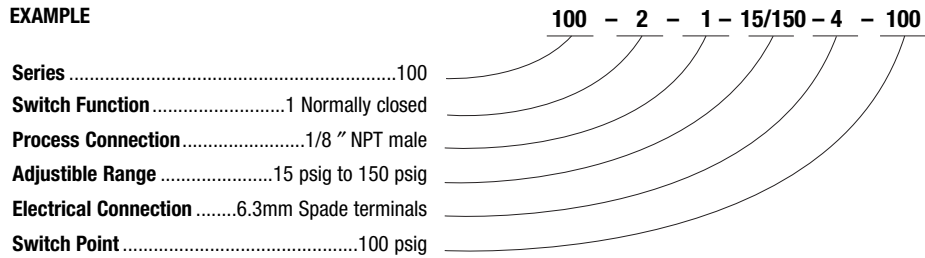
APPLICATIONS

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

ORDERING INFORMATION	
SERIES	100
SWITCH FUNCTION	1 1 Normally Open 2 1 Normally Closed
PROCESS CONNECTION	1 1/8" NPT Male
ADJUSTABLE RANGE	5 psig to 30 psig 5/30 15 psig to 150 psig 15/150
ELECTRICAL CONNECTION	4 6.3mm Spade Terminals
SWITCH POINT (If Required)	Specify Pressure

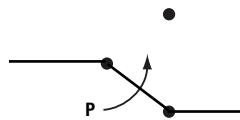
Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

EXAMPLE

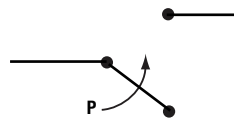


Switch Wiring and Schematics

Normally Closed



Normally Open



Outline Dimensions

