



## 200 SERIES

- Switch adjustment ranges from 3 psig to 30 psig through 450 psig to 4,600 psig
- Zinc-plated steel with NBR diaphragm (< 225 psig); steel piston with NBR seal (> 225 psig) wetted parts
- SPDT single changeover contact configuration
- RoHS compliant

### APPLICATIONS

- Hydraulics & pneumatics
- Pumps & compressors
- Tank monitoring
- Leak detection
- Water management

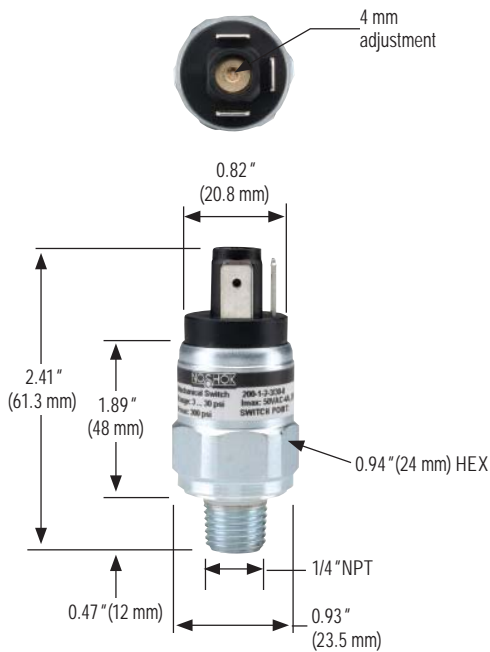
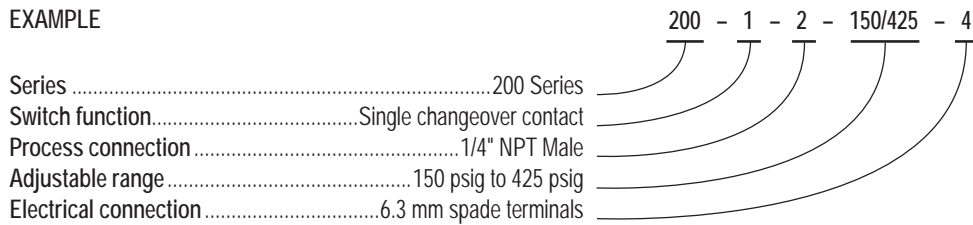
### SPECIFICATIONS

<b>Switching parameters</b>	
Number	1
Function	SPDT, micro switch with silver-plated contacts, gold plated contacts available on request
Contact rating	Up to 28 Vdc 2A Up to 50 Vac 4A
Non-repeatability	±2% of full scale adjustment range
Contact material	Silver-plated
Frequency	Max. 100 cycles/min
Media	Diaphragm type, compressed air or not corrosive liquids Piston type, self lubricating fluids such as hydraulic oil or grease
<b>Pressure ranges</b>	
	3 psig to 30 psig through 450 psig to 4,600 psig Diaphragm type: 870 psi max.; piston type: 5,000 psi max.
<b>Switch adjustment</b>	
Switch point	Full scale
Hysteresis	Diaphragm type, ≤ 10% of full scale adjustment range, minimum 100 psig, Piston type, maximum 15% of full scale adjustment range
Durability	>1,000,000 cycles
<b>Temperature ranges</b>	
	Media -4 °F to 176 °F (-20 °C to 80 °C) Ambient -4 °F to 176 °F (-20 °C to 80 °C) Storage -4 °F to 176 °F (-20 °C to 80 °C)
Proof pressure	870 psig or 5,000 psig depending on adjustment range
Measuring element	NBR diaphragm < 225 psig; Steel piston with NBR seal > 225 psig 1/4" NPT zinc-plated steel
Housing material	Zinc-plated steel
<b>Environmental rating</b>	
	Spade terminals IP00 Cable connection IP67
Weight	Approximately 0.2 lb.

ORDERING INFORMATION			
SERIES	200		
SWITCH FUNCTION	1 Single changeover contact (SPDT)		
PROCESS CONNECTION	2 1/4" NPT male		
SWITCH ADJUSTMENT RANGES (Max. working pressure)	3/30	3 psig to 30 psig (870 psig)	150/1700 150 psig to 1,700 psig (5,000 psig)
	7/115	7 psig to 115 psig (870 psig)	150/2300 150 psig to 2,300 psig (5,000 psig)
	15/225	15 psig to 225 psig (870 psig)	300/2900 300 psig to 2,900 psig (5,000 psig)
	150/425	150 psig to 425 psig (5,000 psig)	300/3600 300 psig to 3,600 psig (5,000 psig)
	150/1150	150 psig to 1,150 psig (5,000 psig)	450/4600 450 psig to 4,600 psig (5,000 psig)
ELECTRICAL CONNECTIONS	4 6.3 mm Spade terminals	36	18" Integral cable

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

EXAMPLE



Switching Output Schematic

