

# Mechanical Miniature Low Pressure



## 100 SERIES

- Switch adjustment ranges from 15 psig to 30 psig through 15 psig to 150 psig
- Standard Brass with NBR diaphragm wetted parts
- 1 SPST N.O. or N.C. contact

### APPLICATIONS

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

### SPECIFICATIONS

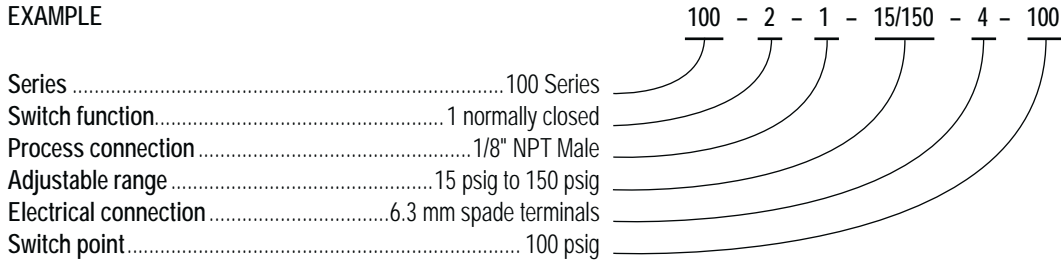
<b>Switching parameters</b>	
Number	1
Function	SPST N.O. or N.C. contact
Contact rating	Up to 42 Vdc 2A
Non-repeatability	5% of the adjusted value
Contact material	Silver-plated, optional gold-plated
Frequency	Max. 100 cycles/min
<b>Pressure ranges</b>	
Pressure ranges	15 psig to 30 psig through 15 psig to 150 psig
<b>Switch adjustment</b>	
Switch point	Full scale
Hysteresis	< 10% of the adjusted value
<b>Service life</b>	
Service life	>1,000,000 load cycles
<b>Temperature ranges</b>	
Media	-13 °F to 185 °F (-25 °C to 85 °C)
Ambient	-13 °F to 185 °F (-25 °C to 85 °C)
Storage	-13 °F to 185 °F (-25 °C to 85 °C)
<b>Proof pressure</b>	
Proof pressure	Full scale
<b>Measuring element</b>	
Measuring element	NBR diaphragm 1/8" NPT Male Brass
<b>Housing material</b>	
Housing material	Brass, optional Stainless Steel
<b>Environmental rating</b>	
Environmental rating	IP65
<b>Weight</b>	
Weight	Approximately 0.07 lb



ORDERING INFORMATION		
SERIES	100	
SWITCH FUNCTIONS	1 1 Normally open	2 1 Normally closed
PROCESS CONNECTION	1 1/8" NPT male	
SWITCH ADJUSTMENT RANGES	5/30 5 psig to 30 psig	15/150 15 psig to 150 psig
ELECTRICAL CONNECTION	4 6.3 mm spade terminals	
SWITCH POINT (if required)	Specify pressure	

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

EXAMPLE



Switching Output Schematic

