

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

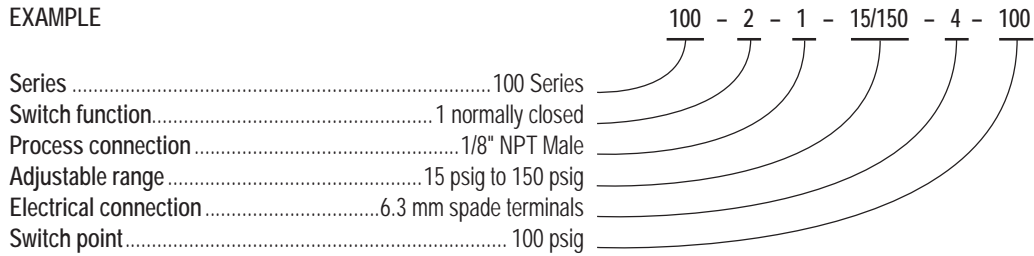
SPECIFICATIONS

Switching parameters	
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
Pressure ranges	
Pressure ranges	15 psig to 30 psig through 15 psig to 150 psig
Switch adjustment	
Switch adjustment	Adjustment screw from 5 psig to 150 psig dependent on full scale range
Switch point	Full scale
Hysteresis	< 10% of the adjusted value
Durability	
Durability	>1,000,000 cycles
Temperature ranges	
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)
Proof pressure	
Proof pressure	Full scale
Measuring element	
Measuring element	NBR diaphragm 1/8" NPT Male brass
Housing material	
Housing material	Brass, optional stainless steel
Environmental rating	
Environmental rating	IP65
Weight	
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

