



## 400 SERIES

- Switch adjustment ranges from 0 to 300 psig through 0 to 5,000 psig
- Standard zinc-plated steel with NBR diaphragm (< 225 psig); steel piston with NBR seal (> 225 psig) wetted parts
- SPDT single changeover contact configuration
- CE compliant to suppress RFI, EMI and ESD

### APPLICATIONS

- Hydraulics & pneumatics
- Mobile hydraulics
- Power generation
- Pumps & compressors
- Tank monitoring
- Water management

### SPECIFICATIONS

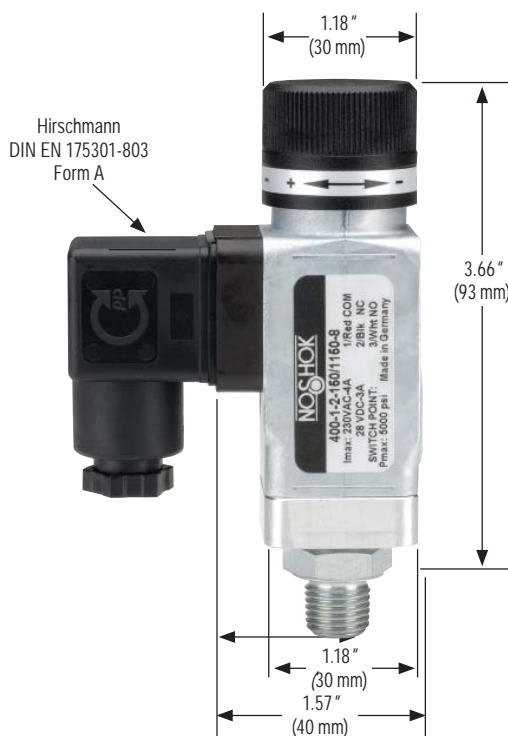
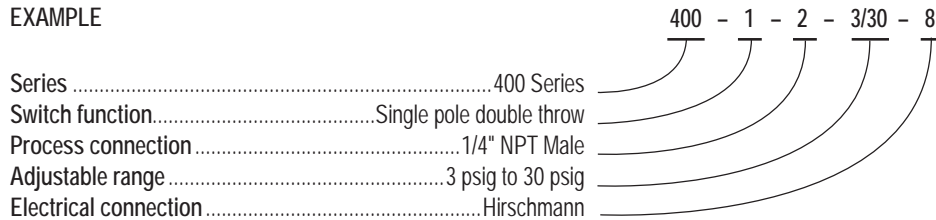
<b>Switching parameters</b>	
Number	1
Function	SPDT, micro switch
Contact rating	Up to 28 Vdc Max 4A Up to 250 Vac Max 3A
Non-repeatability	±2% of full scale of adjustment range
Contact material	Silver-plated, self-cleaning
Frequency	Max. 200 cycles/min.
Media	Diaphragm type, compressed air or non-corrosive liquids Piston type, self-lubricating fluids such as hydraulic oil or grease
<b>Pressure ranges</b>	
Pressure ranges	0 psig to 300 psig through 0 psig to 5,000 psig Adjustment knob from 3 psig to 4,600 psig dependent on full scale range
<b>Switch adjustment</b>	
Switch point	Full scale
Hysteresis	Diaphragm type, 1% to 11% of adjustment range full scale Piston type, 2% to 8% of adjustment range full scale
<b>Durability</b>	
Durability	>1,000,000 cycles
<b>Temperature ranges</b>	
Temperature ranges	Media 14 °F to 176 °F (-10 °C to 80 °C) Ambient 14 °F to 176 °F (-10 °C to 80 °C) Storage 13 °F to 185 °F (-25 °C to 85 °C)
<b>Proof pressure</b>	
Proof pressure	300 psi or 5,000 psi depending on adjustment range
<b>Measuring element</b>	
Measuring element	NBR diaphragm ≤ 230 psig Stainless steel piston with NBR seal ≥ 500 psig 1/4" NPT and 7/16-20 SAE zinc-plated steel connections standard, others available on request
<b>Housing material</b>	
Housing material	Zinc-plated steel
<b>Environmental rating</b>	
Environmental rating	IP65 for Hirschmann IP67 for M12 x 1
<b>Electromagnetic rating</b>	
Electromagnetic rating	CE compliant to EU Standard 73/23/EWG RFI, EMI and ESD protection
<b>Shock</b>	
Shock	30 g's according to IEC 60068-2-27
<b>Vibration</b>	
Vibration	10 g's according to IEC 60068-2-6
<b>Weight</b>	
Weight	Approximately 0.66 lb.

ORDERING INFORMATION			
SERIES	400		
SWITCH FUNCTION	1 Single Pole Double Throw (SPDT)		
PROCESS CONNECTIONS*	2	1/4" NPT male	19 G 1/4 B female
	5	1/4" NPT female	45 SAE J1926-3:7/16-20
	10	G 1/4 B male	
SWITCH ADJUSTMENT RANGES (Max. working pressure)	3/30	3 psig to 30 psig (300 psig)	150/1700 150 psig to 1,700 psig (5,000 psig)
	7/115	7 psig to 115 psig (300 psig)	150/2300 150 psig to 2,300 psig (5,000 psig)
	15/225	15 psig to 225 psig (300 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	1	36" Cable (connected to option 8)	8 DIN EN 175301-803 Form A
	2	M12 x 1 (4-pin)	46 Hirschmann with LED status indicator

\* Note: Stainless steel connection available, consult factory

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

### EXAMPLE



### Switching Output Schematic

