



## Switch Operating Characteristics

Typical operating characteristics for our most common series

	8H Series	12H Series	15H Series	45H Series	60 H Series
<b>Type</b>	Pressure: Gage, Absolute & Differential	Pressure: Gage, Absolute & Differential	Pressure: Membrane (M); Piston Switch (PH)	Liquid Flow	Temperature
<b>Media</b>	Fuel, oil, air	Fuel, oil, air, water	Fuel, oil, hydraulic	Fuel, oil, hydraulic, coolant	Fuel, hydraulic, lube oil
<b>System to</b>	600 psi	250 psi	M: 3300 psi; PH 5000 psi	250 psi	varies
<b>Proof to</b>	1200 psi	375 psi	M: 4500 psi; PH 7500 psi	375 psi	100°F (38°C) above actuation setpoint
<b>Actuation</b>	10 psi to 400 psi	1.5 psi to 125 psi	M: 150 psi to 3300 psi; PH 150 psi to 4600 psi	0.25 gpm to 30 gpm	10°F (-12°C) to 500°F (260°C)
<b>Deadband</b>	10% to 40% of actuation set point	8% to 40% of actuation set point	12% to 40% of actuation set point	12% to 40% of actuation set point	12% to 40% of actuation set point
<b>Electrical</b>	Hermetically sealed SPDT or DPDT 1.5 mA to 7 A res. @5-32 VDC	Hermetically sealed SPDT or DPDT 1.5 mA to 7 A res. @5-32 VDC	Hermetically sealed (optional) SPDT or DPDT 1.5 mA to 7 A res. @5-32 VDC	Hermetically sealed SPDT or DPDT 1.5 mA to 7 A res. @5-32 VDC	Hermetically sealed (optional) SPDT or DPDT 1.5 mA to 7 A res. @5-32 VDC
<b>Temperature</b>	-65°F (-54°C) to +400°F (204°C)	-65°F (-54°C) to +400°F (204°C)	-65°F (-54°C) to +275°F (135°C)	-65°F (-54°C) to +275°F (135°C)	-65°F (-54°C) to +275°F (135°C)
<b>Vibration</b>	5 to 3000Hz up to 30 g's sine, 12 g rms random	5 to 3000Hz up to 30 g's sine, 12 g rms random	5 to 3000Hz up to 30 g's sine, 12 g rms random	5 to 3000Hz up to 20 g's sine, 10 g rms random	5 to 3000Hz up to 20 g's sine, 10 g rms random
<b>Shock</b>	100 g's	100 g's	100 g's	25 g's	50 g's
<b>Service Life</b>	100,000 cycles	150,000 cycles	M: 100,000 cycles; PH: 250,000 cycles	75,000 cycles	75,000 cycles
<b>Weight (approx.)</b>	3.5 oz	4 oz	3.5 oz	4 to 24 oz	3.5 oz