



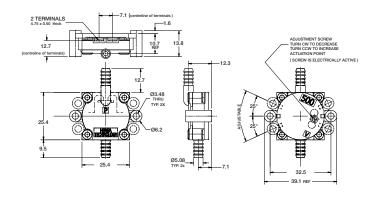
- Pressure, vacuum and differential switching to very high sensitivity
- Factory set or adjustable actuation setpoint
- Miniature size ideal for OEM applications
- Wide choice of form factors for maximum installation flexibility
- Long life with high reliability
- UL approved

Specifications			
Actuation pressure / Setpoint tolerance	See detailed information below		
Switch type	Single pole, single throw, normally open (Normally closed - contact Herga)		
Contact voltage	30 V max. AC/DC, 120 VAC Neon Lamp load		
Current rating	40 mA max. resistive DC		
Contact resistance	$1\Omega$ or less at 150% of actuation pressure		
Proof pressure	See detailed information below		
Material	Flame Retardant 10% Glass Filled Polycarbonate, Urethane diaphragm* * Range "A" = Teflon diaphragm as standard		
Mechanical life	20 x 10 <sup>6</sup> cycles		
Temperature range	+4°C to +65°C, Some setpoint deviation may occur throughout the temperature range For increased temperature range of -40 to +96 °C contact us		
Approval	UL508 approved. File number NKPZ8.E41523		

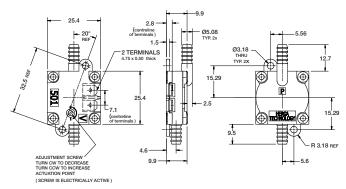


## **Dimensions**

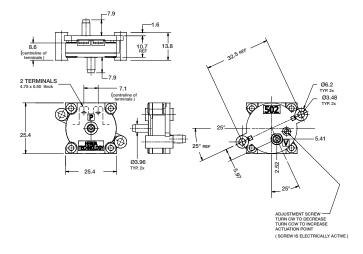




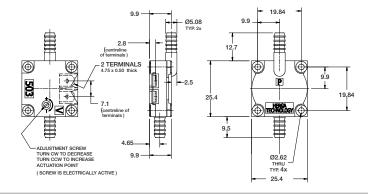
Form 2 HPS-501 - G



Form 3 HPS-502 - G



Form 4 HPS-503 - G





Model Part Number	Form Factor	Pressure range	Setpoint tolerance	Proof Pressure
HPS-500-G RANGE - A		0.25 to 1.25 mbar [0.10" to 0.50"H2O]	± 0.25 mbar [± 0.1"H2O]	12 mbar (5" H2O)
HPS-500-G RANGE - B		1.25 to 5.0 mbar [0.50" to 2.0" H2O]	± 0.50 mbar [± 0.2"H2O]	37 mbar (15" H2O)
HPS-500-G RANGE - C		5 to 25 mbar [ 2" to 10" H2O ]	± 1.25 mbar [± 0.5" H2O]	174 mbar (70" H2O)
HPS-500-G RANGE - D	The state of the s	25 to 75 mbar [10" to 30" H2O]	± 10 %	623 mbar (250" H2O)
HPS-500-G RANGE - E	9	75 to 374 mbar [30" to 150" H2O]	± 10 %	1.4 bar (20 PSI) (550" H2O)
HPS-500-G RANGE - F	Form 1	374 to 1370 mbar [150" to 550"H2O]	± 10 %	1.7 bar (25 PSI) (690" H2O)
HPS-501-G RANGE - A		0.25 to 1.25 mbar [0.10" to 0.50"H2O]	± 0.25 mbar [± 0.1"H2O]	12 mbar (5" H2O)
HPS-501-G RANGE - B		1.25 to 5.0 mbar [0.50" to 2.0"H2O]	± 0.50 mbar [± 0.2" H2O]	37 mbar (15" H2O)
HPS-501-G RANGE - C		5 to 25 mbar [ 2" to 10" H2O ]	± 1.25 mbar [± 0.5" H2O]	174 mbar (70" H2O)
HPS-501-G RANGE - D	C	25 to 75 mbar [10" to 30" H2O]	± 10 %	623 mbar (250" H2O)
HPS-501-G RANGE - E		75 to 374 mbar [30" to 150"H2O]	± 10 %	1.4 bar (20 PSI) (550" H2O)
HPS-501-G RANGE - F	Form 2	374 to 1370 mbar [150" to 550"H2O]	± 10 %	1.7 bar (25 PSI) (690" H2O)
HPS-502-G RANGE - A		0.25 to 1.25 mbar [0.10" to 0.50"H2O]	± 0.25 mbar [± 0.1"H2O]	12 mbar (5" H2O)
HPS-502-G RANGE - B	5 0	1.25 to 5.0 mbar [0.50" to 2.0"H2O]	± 0.50 mbar [± 0.2" H2O]	37 mbar (15" H2O)
HPS-502-G RANGE - C	8	5 to 25 mbar [2" to 10"H2O]	± 1.25 mbar [± 0.5" H2O]	174 mbar (70" H2O)
HPS-502-G RANGE - D	N. W.	25 to 75 mbar [10" to 30" H2O]	± 10 %	623 mbar (250" H2O)
HPS-502-G RANGE - E		75 to 374 mbar [30" to 150"H2O]	± 10 %	1.4 bar (20 PSI) (550" H2O)
HPS-502-G RANGE - F	Form 3	374 to 1370 mbar [150" to 550"H2O]	± 10 %	1.7 bar (25 PSI) (690" H2O)
HPS-503-G RANGE - A	<u> </u>	0.25 to 1.25 mbar [0.10" to 0.50"H2O]	± 0.25 mbar [± 0.1"H2O]	12 mbar (5" H2O)
HPS-503-G RANGE - B		1.25 to 5.0 mbar [0.50" to 2.0"H2O]	± 0.50 mbar [± 0.2" H2O]	37 mbar (15" H2O)
HPS-503-G RANGE - C	0. 0	5 to 25 mbar [ 2" to 10"H2O ]	± 1.25 mbar [± 0.5" H2O]	174 mbar (70" H2O)
HPS-503-G RANGE - D	200	25 to 75 mbar [10" to 30" H2O]	± 10 %	623 mbar (250" H2O)
HPS-503-G RANGE - E		75 to 374 mbar [30" to 150"H2O]	± 10 %	1.4 bar (20 PSI) (550" H2O)
HPS-503-G RANGE - F	Form 4	374 to 1370 mbar [150" to 550"H2O]	± 10 %	1.7 bar (25 PSI) (690" H2O)