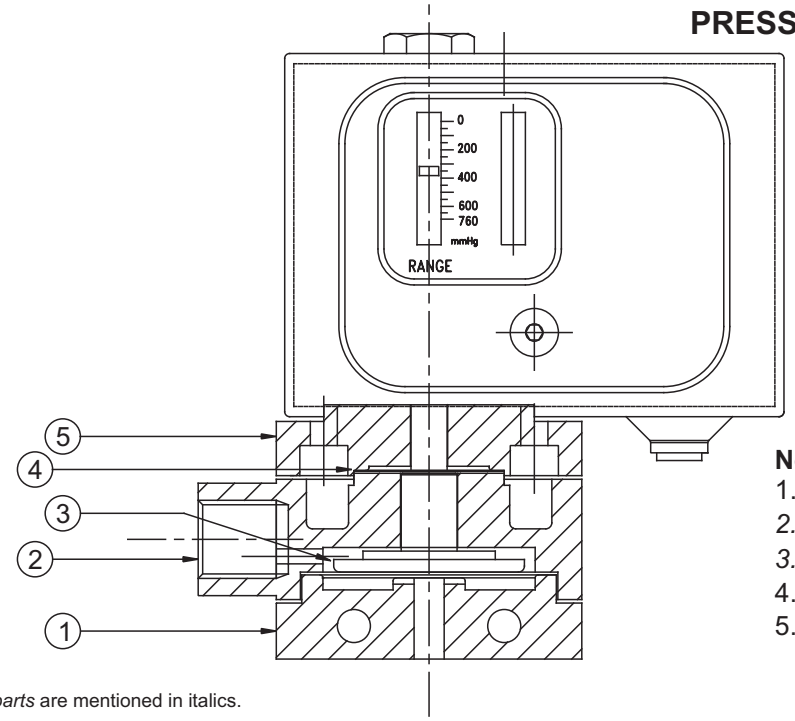
KU VACUUM SWITCHES

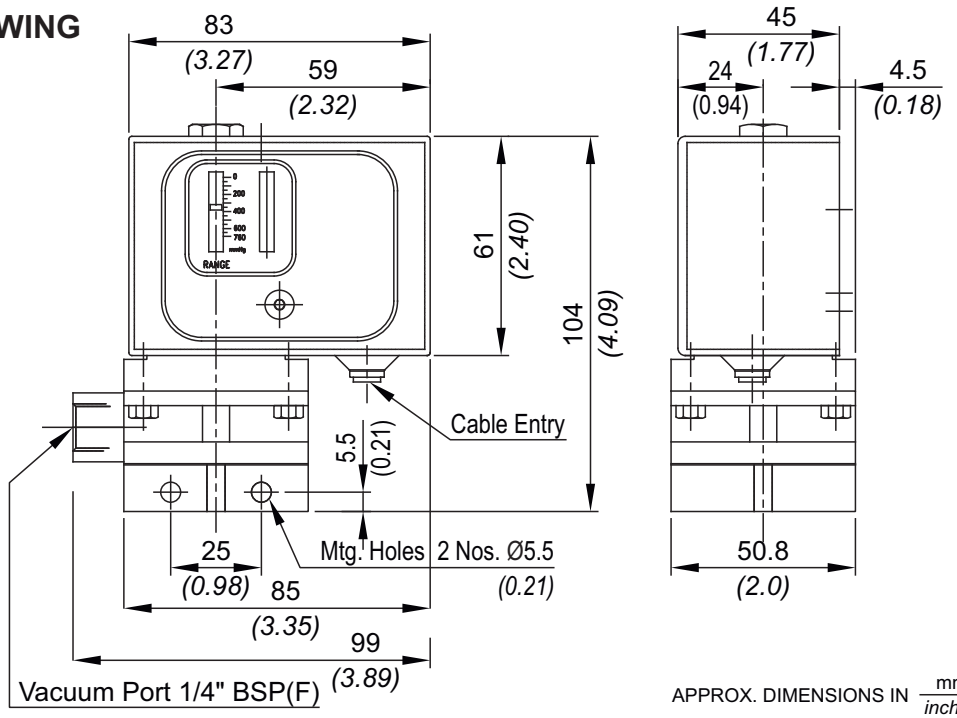
PRESSURE CAPSULE DETAILS



No.	Description
1.	Disc (Alu)
2.	*Pressure Housing (SS)*
3.	*Plunger (SS)*
4.	Diaphragm (SS)
5.	Junction Plate (AL)

Note : *wetted parts* are mentioned in italics.

INSTALLATION DRAWING



APPROX. DIMENSIONS IN mm / *inches*

GENERAL INFORMATION :
KU series vacuum switches are housed in pressed steel powder coated enclosure and are recommended for panel mounting or indoor service. The KU series vacuum switch has a SS316 welded diaphragm. KU series vacuum switches have passed the Helium leak test i.e. they are completely leakproof which makes it possible to achieve a full vacuum. The repeat accuracy is better than ± 1.5% FSR. The Pressure port is 1/4" BSPF standard.

FEATURES :
- Compact
- Separate chamber for working parts
- Choice of wetted parts to suit working media
- Electrical rating : 5A, 250VAC; 0.2A, 250 VDC
- Pressure port : 1/4" BSPF

RANGE SELECTION TABLE

Range code	Range vacuum (falling) mm Hg *("Hg)*	*Approximate Maximum Differential (Fixed) mm Hg *("Hg)*	Maximum Working Pressure bar *(psi)*
V00	† 760 - 100 *(29.92 - 3.94)*	100 *(3.94)*	12 *(171.43)*

* Minimum differential increases with setpoint (Graphs available on request)
† Typical values achieved at sea level, total vacuum that can be achieved varies mainly with altitude.

HOW TO ORDER MN / MA SERIES VACUUM SWITCHES

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
Model	Range Code	Range Scale	Disc	Diaphragm	Enclosure
KU - Fixed differential Vacuum Switch	V00 - High range vacuum Switch	-	-	-	-

Eg. A fixed differential vacuum switch, high range from 760 mm Hg vac. To 100 mm Hg vac. in calibrated style, with aluminium pressure housing, a Teflon diaphragm & a standard enclosure shall be specified by

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
KU	V00	-	-	-	-

Please specify full model number to avoid ambiguty. If only the first two groups are specified while ordering, uncalibrated switches with standard wetted parts and enclosures will be supplied.