

Adjustable pressure switch - F37/M2

Technical Features

Working temperature: -25°C - +85°C

Switching frequency: 90 cycles/min

Operating point: adjustable through an interne screw

Switching accuracy: ±4% of end of scale at 20°C

Fixed hysteresis value:

- membrane execution ~ 10% of end of scale at 20°C
- piston execution ~ 15% of end of scale at 20°C

Weight: 0,08 Kg

Mechanical life: 10⁶ cycles at 70 bar (1000 PSI) at 20°C

Eletric features:

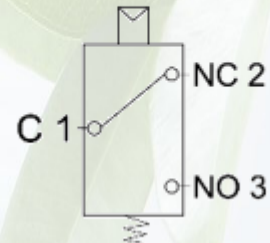
- Maximum load: 0.5A at 250 Volt AC, 0.15A at 110 Volt DC
- Exchange contacts (Common, NO and NC) - SPDT
- Electric connection according to DIN43650 for M2 and M3
- Electric protection according to DIN 40050, IP65
- ATEX certification ATEX II 3G Ex nC IIB/IIIB T6 Gc/Dc IP65

Also available:

- Special max pressure
- Special electrical connections
- Special value of hysteresis
- UL-CSA for electric part only
- Eletric protection according to DIN 40050, IP54 with P1 protection Cap (Atex execution not applicable)
- Separator in stainless steel, carbon steel or plastic (<10 bar) for corrosive and/or high percentage of solid particles



SPDT contacts



F37/M2										
Type	Switching Pressure range	Execution	P Max	Hydraulic Connection	Body Material	Type of Seal	Type of Electric Contact	Setting Pressure	Condition	Type of Electric Connection
F37	K37	30>300	Piston	400	1/4" BSP-M	X AISI316L L BRASS If omitted means zinc plated steel	V VITON T PTFE E EPDM H HNBR If omitted means NBR	G Gold plated contacts (if omitted means standard contacts)	If regue- sted, indi- cate the value setting pressure, also indi- cate the condition "D" or "U"	D Means falling pressure setting, also please indica- te the value U Means rising pressure setting, also please indica- te the value

