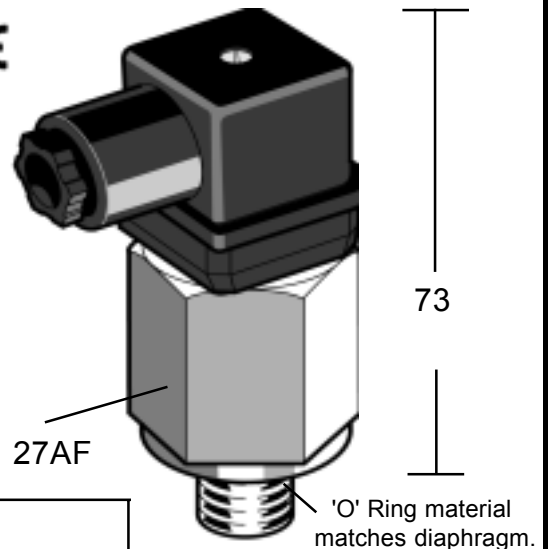


Vacuum switch with DIN Plug**VSM**Diaphragm type vacuum switches with adjustable hysteresis¹.

- 100 - 900 mbar adjustment range
- Over pressures up to 20 bar
- Standard DIN Plug (IP 65)
- Change-over contacts (SPDT)
- Suitable for gases and liquids
- Integral 'O' ring high pressure seal
- Stainless steel body option
- Pressure switch option - see [DataFax 1023](#)

CE



EXAMPLE

VSM	2	N	-	1/4P	STL	-	-
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Model

Adj. range

Diaphragm/Piston seal	
Nitrile (std) -5° to +90°C	N
Nitrile -40° to +140°C	T
Viton -5° to +90°C	V
Silicon -30° to +120°C	S
Neoprene -10° to +90°C	O
EPDM -20° to 110°C	E

Threads	
1/8 BSP	1/8P
1/4 BSP	1/4P
M12 x 1.5	M12

Contact option	
Silver (std)	-
Gold	G

Body material	
Steel (zinc plated)	STL
Stainless steel, 303	303
Stainless steel, 316	316

Special options	
No special option	-
De-greased	SG

Cable glands	
Pg9 (standard)	-
Pg11	11

MODEL	Adj range mbarG	Maximum static pressure (bar)			Tolerance mbar
		Steel	303	316	
VSM 1	-100 to -500	20			+/- 50
VSM 2	-500 to -900	20			+/- 80
VSM 1 303	-100 to -500		20		+/- 50
VSM 2 303	-500 to -900		20		+/- 80
VSM 1 316	-100 to -500			20	+/- 50
VSM 2 316	-500 to -900			20	+/- 80

STANDARD SWITCHES

Diaphragm seal = Nitrile (NBR)
 Body = Steel, zinc plated
 Thread = 1/4" BSP (parallel)
 Cable gland = Pg9

ADJUSTMENT

To adjust these switches yourselves
 please see [DataFax 1023A](#)

For prices please see our [DataFax 1045P](#)

Switch electrical rating	250Vac/6A (res) 2A (ind)	Diaphragm material	Nitrile (Standard) see options
Protection	IP65 (Pg9 gland standard)	Body material	Steel or S/Steel
Pressure adjustment range	-100 to -900 mbarG (vacuum)	Thread	1/4" BSP (Standard)
Maximum pressure	20 bar	Temperature range	See diaphragm specification
¹ Hysteresis = 10%FS (Std)	Adjusted at factory 10 - 30%	Tightening torque	5 Kgm

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