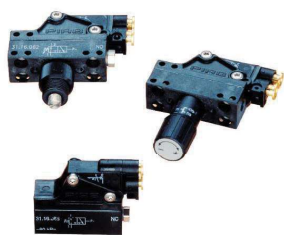


Vacuum switches



Vacuum switches, pneumatic

- Converts a vacuum level to a pneumatic signal.
- Vacuum-actuated membrane linked to a pneumatic switch.
- Available preset or with adjustable vacuum level.



Vacuum switches, electromechanical

- Converts a vacuum level to an electric signal, VAC or VDC.
- Vacuum-actuated membrane linked to an electro-mechanical switch.
- Integrated cable with open ends included.
- Available preset or with adjustable vacuum level.



Vacuum switches, inductive universal

- Converts a vacuum level to a digital signal, 24 VDC.
- Vacuum-actuated membrane linked to a proximity-inductive universal switch.
- Integrated cable with open ends included.
- PNP NO/NC or NPN NO/NC output functions.
- The switch must be connected in series with the load.

TECHNICAL DATA

Description	Hysteresis	Signal range
Vacuum switch, pneumatic, adjustable with screw and knob (NO)	3 kPa	10–95 -kPa
Vacuum switch, pneumatic, adjustable with screw and knob (NC)	12 kPa	15–95 -kPa
Vacuum switch, pneumatic, preset (NO 25 -kPa)	3 kPa	21–29 -kPa
Vacuum switch, pneumatic, preset (NO 65 -kPa)	3 kPa	57–73 -kPa
Vacuum switch, pneumatic, preset (NC 30 -kPa)	12 kPa	25–35 -kPa
Vacuum switch, pneumatic, preset (NC 70 -kPa)	12 kPa	60–80 -kPa
Vacuum switch, electro-mechanical, adjustable with screw & knob	10 kPa	15–95 -kPa
Vacuum switch, electro-mechanical, preset (Signal range 25 -kPa)	10 kPa	20–30 -kPa
Vacuum switch, inductive universal, adjustable with knob Ø6	2 kPa	10–95 -kPa

Description	Hysteresis	Signal range
Vacuum switch, inductive universal, adjustable with knob	2 kPa	10–95 -kPa
Vacuum switch, inductive universal, preset (Signal range 10 -kPa)	2 kPa	9–11 -kPa
Vacuum switch, inductive universal, preset (Signal range 30 -kPa)	2 kPa	27–33 -kPa

ORDERING INFORMATION

Description	Item No.
Vacuum switch, pneumatic, adjustable with screw and knob (NO)	3116062
Vacuum switch, pneumatic, adjustable with screw and knob (NC)	3116063
Vacuum switch, pneumatic, preset (NO 25 -kPa)	3116084
Vacuum switch, pneumatic, preset (NO 65 -kPa)	3116085
Vacuum switch, pneumatic, preset (NC 30 -kPa)	3116087
Vacuum switch, pneumatic, preset (NC 70 -kPa)	3116088
Vacuum switch, electro-mechanical, adjustable with screw and knob	3116061
Vacuum switch, electro-mechanical, preset (Signal range 25 -kPa)	3116095
Vacuum switch, inductive universal, adjustable with knob Ø6	0104350
Vacuum switch, inductive universal, adjustable with knob	3116064
Vacuum switch, inductive universal, preset (Signal range 10 -kPa)	3116089
Vacuum switch, inductive universal, preset (Signal range 30 -kPa)	3116090



Vacuum switches Mini VS4118/VS4128

- Pre-set vacuum switch with digital output.
- Durable and compact design with G1/8" 90° angle swivel connection for easy installation.
- VS4118 hardwired enables PNP NO/NC or NPN NO/NC functionality.
- VS4128 suitable for plug in I/Os. Available in PNP NO or NPN NO models.
- Possible to connect several units serially with T-connectors to provide a common output (VS4128 PNP).



Vacuum switches Mini VS4015/VS4016

- Pre-set vacuum switch with digital output.
- Very low weight and small format, push-in or thread connections.
- PNP NO/NC or NPN NO/NC output functions.

TECHNICAL DATA

Description	Hysteresis	Signal range
Vacuum Switch VS4128 30 -kPa, M12 PNP NO	8 kPa	26–34 -kPa
Vacuum Switch VS4128 50 -kPa, M12 PNP NO	8 kPa	46–54 -kPa
Vacuum Switch VS4118 30 -kPa, M8 PNP/NPN NO/NC	8 kPa	26–34 -kPa
Vacuum Switch VS4118 50 -kPa, M8 PNP/NPN NO/NC	8 kPa	46–54 -kPa
Vacuum Switch VS4118 70 -kPa, M8 PNP/NPN NO/NC	8 kPa	66–74 -kPa
Vacuum Switch VS4128 50 -kPa, M12 NPN NO	8 kPa	46–54 -kPa
Vacuum switch VS4015, Ø6, 30 -kPa	5–7 kPa	27–35 -kPa
Vacuum switch VS4015, Ø6, 50 -kPa	5–7 kPa	47–55 -kPa
Vacuum switch VS4015, Ø6, 70 -kPa	5–7 kPa	67–75 -kPa
Vacuum switch VS4016, G1/8" male, 30 -kPa	5–7 kPa	27–35 -kPa

Description	Hysteresis	Signal range
Vacuum switch VS4016, G1/8" male, 50 -kPa	5–7 kPa	47–55 -kPa
Vacuum switch VS4016, G1/8" male, 70 -kPa	5–7 kPa	67–75 -kPa

ORDERING INFORMATION

Description	Item No.
Vacuum switch VS4015, Ø6, 30 -kPa	0110245
Vacuum switch VS4015, Ø6, 50 -kPa	0110246
Vacuum switch VS4015, Ø6, 70 -kPa	0110247
Vacuum switch VS4016, G1/8" male, 30 -kPa	0110248
Vacuum switch VS4016, G1/8" male, 50 -kPa	0110249
Vacuum switch VS4016, G1/8" male, 70 -kPa	0110250
Vacuum Switch VS4118 30 -kPa, M8 PNP/NPN NO/NC	0110730
Vacuum Switch VS4118 50 -kPa, M8 PNP/NPN NO/NC	0110731
Vacuum Switch VS4118 70 -kPa, M8 PNP/NPN NO/NC	0110732
Vacuum Switch VS4128 30 -kPa, M12 PNP NO	0110630
Vacuum Switch VS4128 50 -kPa, M12 NPN NO	0124450
Vacuum Switch VS4128 50 -kPa, M12 PNP NO	0110631



Vacuum switch 3-colour digital display M8

- 2 PNP outputs, NO or NC. Independently selectable for each output.
- 3-colour LCD display, easy readout.
- 7 programmable vacuum units, for example kPa, inHg, mmHg, etc.
- Dual display allows actual and set value to be displayed at the same time.
- Selectable "Key-Lock mode" with display indicator to avoid unauthorized changes.
- Selectable "Power-Save mode" with display indicator.
- Mounting brackets included.

TECHNICAL DATA

Description	Hysteresis	Signal range
Vacuum switch 3-colour digital display M8	Adjustable, 1–8 kPa	0–101.3 -kPa
Vacuum switch, MM8	1–5 % F.S.	0–100 -kPa

ORDERING INFORMATION

Description	Item No.
Vacuum switch 3-colour digital display M8	0126934
Vacuum switch, adjustable, PNP NO MM8	0107729
Vacuum switch, adjustable, NPN NO MM8	0107730



Vacuum switch, MM8

- Converts vacuum to an analogue output signal and an adjusted vacuum level to a digital output.
- Adjustable hysteresis.
- Separate cable with open ends included.



Vacuum switch, DM8

- Converts adjusted vacuum levels to 2 separate digital outputs.
- Digital vacuum level display.
- Integrated cable with M8 connector included.



Vacuum switch, LM8

- Converts an adjusted vacuum level to a digital output.
- Very low weight and small format with push-in connection.
- Integrated cable with M8 connector included.



Vacuum switch, M5

- Converts an adjusted vacuum level to a digital output signal for pressure or vacuum.
- NC in vacuum range 0–100 -kPa. NO in pressure range 0–300 kPa.
- Very low weight and small format with M5 90° angle swivel connection.
- Integrated cable with open ends included.

TECHNICAL DATA

Description	Hysteresis	Signal range
Vacuum switch, DM8	2 % F.S.	0–100 -kPa
Vacuum switch, LM8	2 % F.S.	0–100 -kPa
Vacuum switch, M5	2 % F.S.	-100–300 -kPa

ORDERING INFORMATION

Description	Item No.
Vacuum switch, adjustable, PNP NO LM8	0107731
Vacuum switch PNP M5	0110358
Vacuum switch NPN M5	0110359
Vacuum switch, adjustable, PNP NO DM8	0107732
Vacuum switch, adjustable, NPN NO DM8	0107733