

Overview of Section 7










Switches and system monitoring

Everything at a glance







Designation	Basic data	Application areas	Page
 General information			7/3

Vacuum switches

	Vacuum switch VS-V-A-EM	<ul style="list-style-type: none"> Mechanical vacuum switches Adjustment range -900 to -200 mbar 	One digital output, switching point adjustable.	7/5
	Vacuum switch VS-V-EM-60-C	<ul style="list-style-type: none"> Mechanical vacuum switches Adjustment range -900 to -100 mbar 	One digital output, switching point adjustable.	7/7
	Vacuum switch VS-V-PM	<ul style="list-style-type: none"> Pneumatic-mechanical vacuum switches Adjustment range -750 to -350 mbar 	One pneumatic output, switching point adjustable.	7/9
	Vacuum switch VS-V-SA/SD	<ul style="list-style-type: none"> Miniature electronic vacuum switch Measuring range -1 to 0 bar 	With digital or analogue switch output, digital output set to fixed value (-600 mbar), extremely miniaturised design.	7/11
	Vacuum switch VS-V-AH/AV-T	<ul style="list-style-type: none"> Electronic vacuum switch Adjustment range -1 to 0 bar 	Two digital switch outputs, PNP switching function, optionally with fixed or adjustable hysteresis.	7/13
	Vacuum switch VS-V-A-PNP-S	<ul style="list-style-type: none"> Electronic vacuum switch Adjustment range -1 to 0 bar 	Digital and analogue outputs, switching point adjustable.	7/17
	Vacuum switch VS-V	<ul style="list-style-type: none"> Electronic vacuum switch Adjustment range -1 to 0 bar 	Digital and analogue outputs, switching point and hysteresis adjustable.	7/19
	Vacuum switch VS-V-D	<ul style="list-style-type: none"> Electronic vacuum switch Adjustment range -1 to 0 bar 	Two digital outputs, switching point and hysteresis adjustable.	7/22
	Vacuum switch VS-V-W-D	<ul style="list-style-type: none"> Electronic vacuum switch Adjustment range -1 to 0 bar 	Two digital outputs, switching point and hysteresis adjustable.	7/25

Pressure switches






	Pressure switch VS-P1	<ul style="list-style-type: none"> Electronic pressure switch Adjustment range 0 to 1 bar 	Digital and analogue outputs, switching point and hysteresis adjustable.	7/28
	Pressure switch VS-P10-D	<ul style="list-style-type: none"> Electronic pressure switch Adjustment range 0 to 10 bar 	Two digital outputs, switching point and hysteresis adjustable.	7/31
	Pressure switch VS-P10-W-D	<ul style="list-style-type: none"> Electronic pressure switch Adjustment range 0 to 10 bar 	Two digital outputs, switching point and hysteresis adjustable.	7/34
	Pressure switch VS-P10-AH/AV-T	<ul style="list-style-type: none"> Electronic pressure switch Adjustment range 0 to 10 bar 	Two digital switch outputs, PNP switching function, optionally with fixed or adjustable hysteresis.	7/37

Overview of Section 7

Switches and system monitoring

Everything at a glance



Designation	Basic data	Application areas	Page
Combined vacuum/pressure switches			
	Vacuum and pressure switch VS-P <ul style="list-style-type: none">• Electronic vacuum and pressure switch• Adjustment range -1 to 10 bar	Digital and analogue outputs, switching point and hysteresis adjustable.	7/41
Connectors and adapters for vacuum switches			
	Cables and plugs for vacuum switches <ul style="list-style-type: none">• Connecting cables• Adapter plugs	Connection of the various types of switches, adaptation to customer requirements.	7/44
Measuring and control devices			
	Vacuum regulator VR <ul style="list-style-type: none">• Adjustment range -990 to 0 mbar	Compensation for systematic pressure variations. Delivers a very constant vacuum with very high repeatability; can be set very precisely.	7/45
	Manometer VAM <ul style="list-style-type: none">• Measuring range -1 to 0 bar	Various scales for adaptation to customer requirements. Can be installed in any orientation and also in panels.	7/47
Warning devices			
	Warning device, acoustic-electronic WN-AE V <ul style="list-style-type: none">• Monitoring range -1 to 0 bar• Audible warning signal with 100 dBA	Electronic warning device with adjustable audible warning signal.	7/50