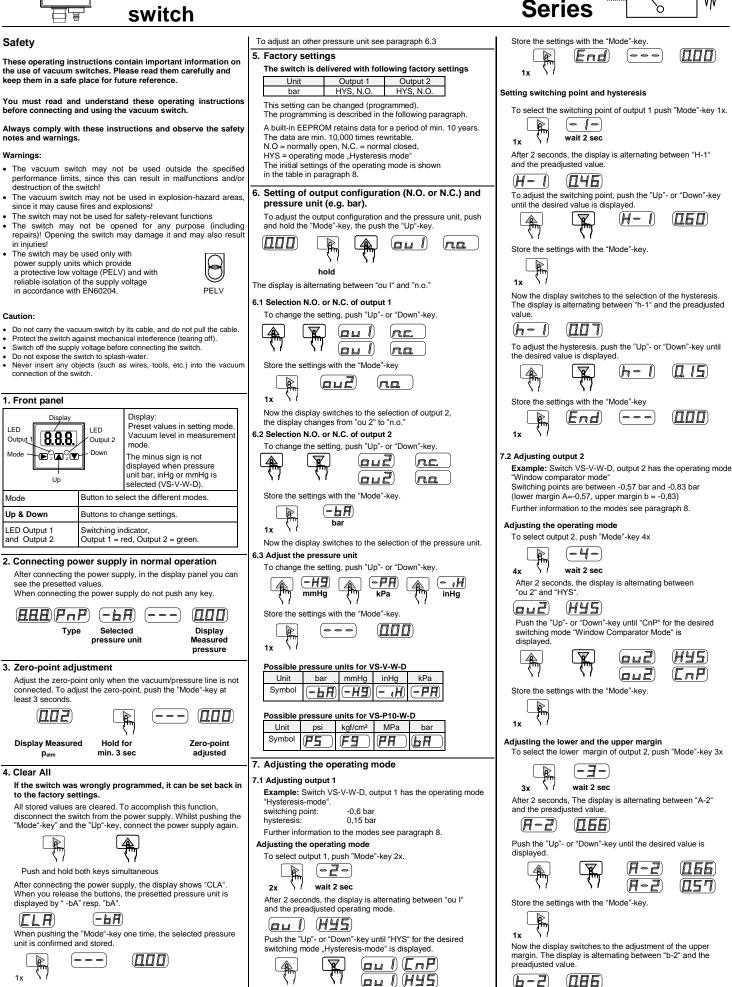


Vakuum switch • Pressure switch



VS-W-D

0

0





Vakuum switch • Pressure switch

switch	Series Series	
To adjust the upper margin, push "Up"- or "Down"-key.		
Image: Store the settings with the "Mode"-key. Image: Store the settings with the setings with the settings with the settings w	12. Error messages Error Message Solution Pressure during Zero- point adjustment was higher than ±3% F.S. Make Zero-point adjustment again a environment pressu CEFI Overcurrent at Output 1 Loaded current exceeds rated powr	ure.
11. Locking the set values	Overcurrent at Output 2 Of 180 mA max. Check output.	
 8. Operating modes of the outputs The outputs can be operated in two different modes. Each output can be adjusted independent of the other. The modes are described in the following. 8.1 Hysteresis mode 11.1 Standard versions Whilst pushing the "Mode"-key, push the "Down"-key. The switch is locked, which means that the set values can't be changed. On the display appears "LoC", the switch is locked. 	Applied pressure Apply pressure with exceeds measuring range. Apply pressure with the measuring rang	
H and hysteresis h. Example: VS-V-W-D H = -0.60 bar h = 0.15 bar h = 0.15 bar h = 0.15 bar h = 0.15 bar	EEPROM defective, calibration storage could not be read anymore	
<text><text><text><text></text></text></text></text>	 A display change from 0.00 to -FF or e.g. 0.01 at a trospheric pressure is not an error, but caused by fluctuations in the air pressure. This can be rectified by setting the zero point. The zero point must also be set after performing a "Cleat al" (CLA). 	эr





Vakuum switch • Pressure switch

VS-W-D Series



	VS-V-W-D-PNP	VS-V-W-D-PNP-C	VS-V-W-D-NPN	VS-P10-W-D-PNP	VS-P10-W-D-PNP-C	VS-P10-W-D-NPN	
Art. #	10.06.02.00113	10.06.02.00271	10.06.02.00126	6 10.06.02.00114	10.06.02.00272	10.06.02.00127	
Pressure range	0 ~ -1 bar (0 ~ -29.5 inHg)	0 ~ -1 bar (0 ~ -29.5 inHg)	0 ~ -1 bar (0 ~ -29.5 inHg)	0 ~ 10 bar (0 ~ 145 psi)	0 ~ 10 bar (0 ~ 145 psi)	0 ~ 10 bar (0 ~ 145 psi)	
Overpressure	5 bar (72.5 psi)	5 bar (72.5 psi)	5 bar (72.5 psi)	16 bar (232 psi)	16 bar (232 psi)	16 bar (232 psi)	
Circuits				Pin Connection		•	
				1 V+ 2 Switch Output 2 3 GND 4 Switch Output 1			
Dimension / Co	lour codes of S	Schmalz cables					
11 (0 4 33 ⁻) (0 8888 € 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Vakuumconnection Reference connection M8 electrical connection	3 3	bn = 1 wh = 2 bu = 3 bk = 4 wh = 2 bu = 3 bk = 4 wh = 2 bu = 3 bk = 4 wh = 2 bu = 3 bk = 4 where the switch is used in a moist environment, the reference connection (for ambient or reference pressure) must be connected to a deaeration hose (Øi 3 mm) which leads to a dry environment. Maximum torque: M3: 1.5 Nm, G1/8": 1.5 Nm If higher torque is required, use a flange (see below)!			
Flange Artikel-Nr. 10.06.02.00116				41.8 (1.646°) 40 (1.575°) Panel-mounting set Artikel-Nr. 10.06.02.00115 * * * * * * * *			
Technical Data							
Ме	dia Non corrosive	gases and non lubricated	air	Operation ac			
Power sup		c (Protected extra-low vo ble (P-P), Reverse voltage		Therm Respon		e 0 ~ 50 °C (32 ~ 122 °F)	
2 Switch Out	N.O, or N.C. su put LED-indication PNP or NPN v	eparate selective, max. 18 on display, short circuit-pr ersion	30 mA, roof,	Current consu Dielectric s Insulation res	umption < 55 mA strength 1,000 VDC 1 min	VDC	
Output resistance N				Interference en			
Disp				Immunity to inter			
5	Pressure units VS-V-D: bar, mmHg, inHg, kPa VS-P10-D: bar, psi, kgf/cm ² ,Mpa			Operating temperature Storage temperature	- · ·	,	
Pressure u	101102.00						
Pressure u Display resolut	VS-V-D: 0.01 I	oar, 5 mmHg, 0.2 inHg, 1 k bar, 1 psi, 0.05 kgf/cm², 0	kPa 9.01 MPa	Operating humidit Vibration res	istance 10~55 Hz 1.5 mm	n (0.06"), XYZ, 2hrs	
	tion VS-V-D: 0.01 K	bar, 1 psi, 0.05 kgf/cm², 0 de (0-100%) or Windows (.01 MPa		istance 10~55 Hz 1.5 mm	n (0.06"), XYZ, 2hrs	

Immunity to interference: The following minimum operating quality is guaranteed when there is interference from electromagnetic HF-Fields as per ENV 50140 and ENV 50141: The switch point can be modified by max. 10 %.

Air connection

Protection

G1/8" M

IP 65 (without venting tube IP40)

