Electronic vacuum/pressure switches Series SWE

Out of production

These vacuum sensors are available with analog and digital output.



- » Electronically precise measuring
- » Switching point and adjustable hysteresis
- » Analog and digital output

Applications:

universal electronic vacuum/pressure switch for safety monitoring, optimization of the cycle time or energy saving devices.

Thanks to the switching point and the adjustable hysteresis, this electronic vacuum/pressure switch is able to satisfy the user's needs.

Analog and digital output: adjustable vacuum limit value and continuous vacuum monitoring.

Electric connection:

- This device functions correctly with a connector Mod. CS-DF04EG-E500 or CS-DR04EG- E500 which should be ordered separately.

GENERAL DATA

Type of vacuum/pressure switch electronic with polycarbonate housing **Connection** with G1/8 male thread and M5 female thread

Switching point and hysteresis adjustable through regulation screws

LED integrated for visual indication of the switch state

Electric connection supply voltage via 4-pin M8 connector

2

CODING EXAMPLE

SW E	_	V00	_	Р	A

S	W	SERIES SW = transducer			
E	:	VERSION E = ELECTRONIC			
٧	′00	MEASUREMENT RANG V00 = from -1 to 0 bar U10 = from -1 to 10 bar (

P POLARITY P = PNP

A

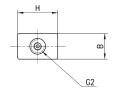
PNEUMATIC CONNECTION
A = external G1/8 male thread and internal M5 female thread

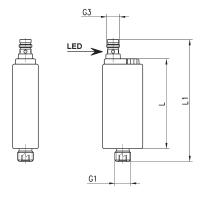


Vacuum / Pressure switch Series SWE

Delivered complete with screwdriver and accessories (screw, seals and tube adaptor) needed for IP65 class.









DIMENSIONS							
Mod.	В	G1	G2	G3	Н	L	L1
SWE-V00-PA	15,7	G1/8	M5	M8	19,7	44	62
SWE-U10-PA	15,7	G1/8	M5	M8	19,7	44	62

CK CAMOZZI

TECHNICAL DATA

Mod.	SWE-V00 PA	SWE-U10-PA	
Fluid Non-aggressive gas, dry air, without lubrication		Non-aggressive gas, dry air, without lubrication	
Measurement range	-1 ÷ 0 bar	-1 ÷ 10 bar	
Max overpressure [bar]	5	16	
Repetition Precision	± 1% measurement range	± 1% measurement range	
Hysteresis	Settable: from 3 to 25 % set value.	Settable: from 3 to 25 % set value.	
Output signal	1 Analogic(15 V) and 1 digital settable.	1 Analogic (15 V) ed 1 digital settable.	
Max output current [mA]	125	125	
Switching time [ms]	5	5	
Signalling	LED	LED	
Electric connection	Connector M8 4 pins	Connector M8 4 pins	
Pneumatic connection	G1/8 male and M5 female	G1/8 male and M5 female	
Voltage	10.8 - 30 V - DC	10.8 - 30 V - DC	
Input current [mA]	30	30	
IP Protection	IP 40/65 (with flexible cable)	IP 40/65 (with flexible cable)	
Temperature effect	± 3% measurement range	± 3% measurement range	
Operating temperature	0°C ÷ 50°C	0°C ÷ 50°C	
Weight [g]	30	30	

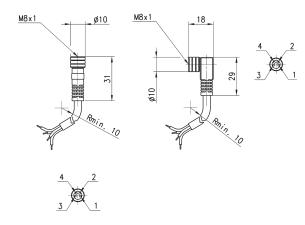




Circular M8 4-pole connectors, Female

With PU sheathing, non shielded cable. Protection class: IP65





Mod.	Type of connector	Cable length (m)
CS-DF04EG-E200	straight	2
CS-DF04EG-E500	straight	5
CS-DR04EG-E200	right angle (90 degrees)	2
CS-DR04EG-E500	right angle (90 degrees)	5