



- Snap action micro switch
- 250V / 6A
- Change over contact SPDT
- Elastomer membrane
- Adjustment range: - 0,85... - 0,15bar
- Preset ex works possible
- Easy adjustment via adjustment knob
- Rugged design
- E-connection DIN EN 175301-803A or M12x1
- Female thread or flange connection

Output	
SPDT	
Pressure adjustment range	
- 0,85... - 0,15bar	
Membrane	
NBR	-20...+80°C
low temperature-NBR	-40...+80°C
EPDM	-40...+100°C
FVMQ	-40...+100°C
Viton	0...+100°C
Fluid connection	
female G1/4"	
horizontal flange incl. M5x40, O-Ring 5x1,5	
Electrical connection	
plug DIN EN 175301-803A	
plug M12x1	

Options

set point adjustment increasing or decreasing, factory preset
socket DIN EN 175301-803A
socket DIN EN 175301-803A with 2LED, 24V
1,5m cable with socket M12x1

Order sample:

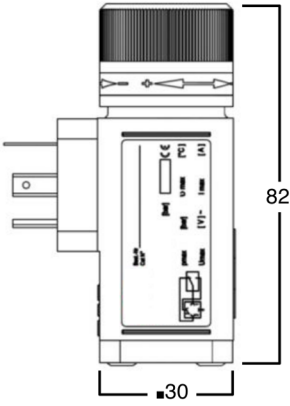
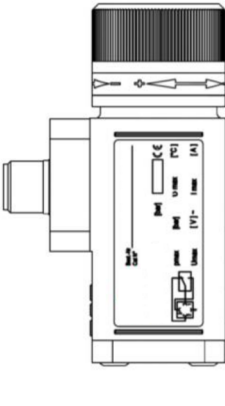
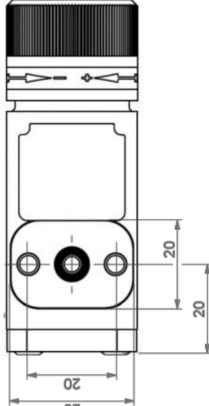
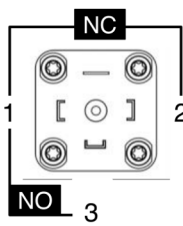
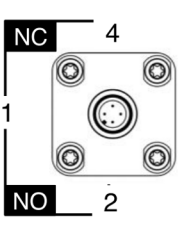
Vacuum Switch VDS
Output: SPDT
Adjustment range: -0,85...-0,15bar
Membrane: EPDM
Fluid connection: female G1/4"
E-connection: DIN EN 175301-803A

Technical data

Construction:	snap action micro switch AF30
Operating fluid:	neutral gases
Mechanical installation:	over fluid connection
Mounting position:	any
Max. system pressure:	20bar
Repeatability:	guide value $\pm 0,05$ bar at room temperature
Hysteresis*:	guide value: 150...250mbar, not adjustable
Life cycles, mech.:	$> 5 \times 10^6$
Max. switching frequency:	~ 1 Hz
Temperature range*:	-40...+100°C as a function of used elastomere
Vibration resistance:	10g (10 ... 2000Hz) sinus acc. to ISO 16750-3
Shock resistance:	30g, 14ms shaped sinus acc. to DIN 40046, T7
Switching element:	snap action micro switch with self cleaning pins
CE-mark:	acc. to EU-standards 2014/35/EU (LVD); 2011/65/EU (RoHS)
Protection class EN 60529:	IP65 using DIN EN 175301-803A, IP67 using M12x1
Weight:	$\sim 0,3$ kg

* please contact the technical support for alternative or special requirements regarding hysteresis and temperature
Subject to technical alternations!

Electrical connection data – dimensions

	Dimension: G1/4 female screw-in thread max. 8mm		Horizontale flange connection	
				
	DIN EN 175301-803A	M12x1		
				
	250VAC	24VDC	48VAC	24VDC
Ohmic load	6A	3A	4A	3A
Inductive load	1A	1A	1A	1A