



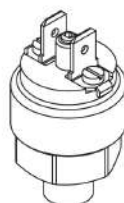
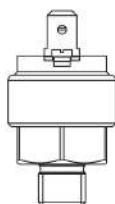
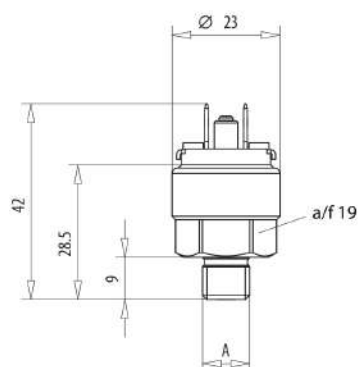
- **Measuring ranges 0.3 -10 bar**
- **Generous overpressure**
- **Media temperature range -25 °C to + 85 °C**
- **Spring-loaded design with NBR or special VITON diaphragm**
- **VA 1.4305 stainless steel housing**
- **Medium - air, hydraulic oil, oil emulsions, water, others on demand**

The compact EPS02 pressure switch is well suited to a wide range of applications in machine building, HVAC and pneumatic systems.

Specifications		
Order ref.	EPS02-x-x-x-2-x-x	EPS02-x-x-x-10-x-x
Pressure setting range	0.3 – 2 bar	1 - 10 bar
Tolerance	± 0.2 bar	± 0.5 bar
Working pressure max.	2 bar	10 bar
Overpressure limit max.(static)	20 bar	20 bar
Design	Spring-loaded diaphragm	
Diaphragm	NBR, special design VITON	
Manner of fastening	Male thread	
Fitting thread >A<	G 1/8, Other thread types on demand	
Mounting position	beliebig Any	
Ambient temperature	-25 °C to + 85 °C, higher temperatures on demand	
Medium	Air, hydraulic oil, oil emulsions, water, others on demand	
Adjustability	Under pressure	
Switch back difference	Under 10%	
Mechanical life	10 ⁶	
Material	Stainless steel VA 1.4305	
Weight approx.	34 g	
Switching element	Silver-plated or Gold plated contacts	
Reference voltage	42 V	
Switching frequency max	200/min.	
Maximum load	2 A resistive)	
Electrical connection	Flat plug 2 x 6.3 x 0.8	
Protective system	IP 65, terminals IP00	
Breaking capacity	100 VA	

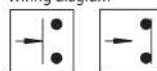


Dimensions



Setting screw
M3 DIN 914

Wiring diagram



NO-Contact

NC-Contact

Ordering information

(Please use the characters in the chart below to create your product code)

Sample Code	EPS02	-	SS	-	G1/8	-	N	-	2	-	NO	-	AG
Series	EPS02												
Housing	SS	VA 1.4305 St											
Port configuration	G1/8	G1/8											
Diaphragm	N	NBR											
	V	Special Viton											
Pressure range	2	0.3 - 2 bar											
	10	1 - 10 bar											
Contact type	NO	N/O											
	NC	N/C											
Contact material	AG	Silver											
	AU	Gold											

Custom options available on request

Stock models:

- 17784 - EPS02-SS-G1/8-N-10-NC-AG
- 17783 - EPS02-SS-G1/8-N-10-NO-AG