



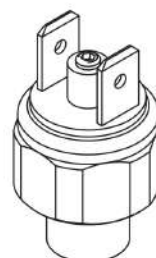
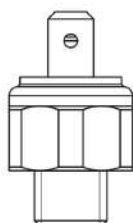
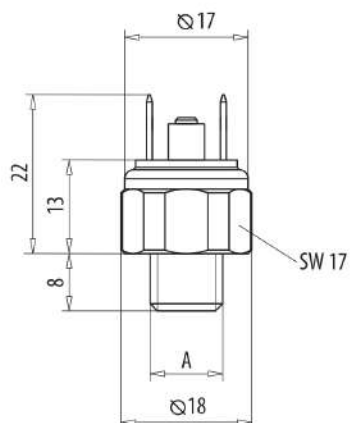
- **Measuring ranges 0.3 - 10 bar**
- **Generous overpressure**
- **Media temperature -25° to 85°C**
- **Spring-loaded design with NBR or special VITON diaphragm**
- **Cost effective brass construction with IP65**

The compact EPS01 pressure switch is well suited to a wide range of applications in HVAC and machine building or pneumatic applications. The EPS01 is a cost effective design for OEM projects..

Specifications		
Order ref.	EPS01-x-x-x-2-x-x	EPS01-x-x-x-10-x-x
Pressure 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, G1/4, other thread types on demand	
Mounting position	any	
Ambient temperature	-25° bis 85°C, higher temperatures on demand	
Medium	Air, hydraulic oil, oil emulsion, water, others on demand	
Ajustability	under pressure	
Switch back difference	under 10%	
Mechanical life	10 ⁶	
Material	brass	
Weight approx.	ca. 34g	
Switching element	silver-plated contacts	
Reference voltage	42V	
Switching frequency max.	200/min.	
Maximum load	2A resistive	
Elektrical connection	flat plug 2 x 6.3 x 0.8	
Protective system	IP65, terminals IP00	
Breaking capacity	100 VA	



Dimensions in mm



Einstellschraube
M3 DIN 914

Schaltschema



NO-Contact



NC-Contact

Ordering information

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

Sample Code	EPS01	-	BR	-	G1/8	-	N	-	2	-	NO	-	AG
Series													
EPS01													
Housing													
BR brass													
Pressure port													
G1/8													
G1/4													
Diaphragm													
N NBR													
V Special VITON													
Pressure Range													
2 0.3 - 2 bar													
10 1 - 10 bar													
Cotact type													
NO normally ope													
NC normally closed													
Contact material													
AG Silver													

Stock model: 17785 - EPS01-BR-G1/8-N-10-NO-AG