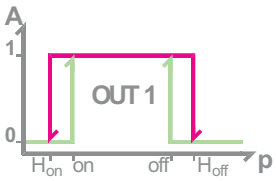
# Druckschalter
## Allfluid 0 - 400 bar

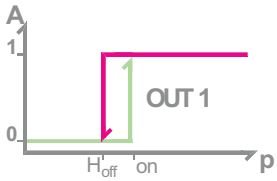
# Pressure Switch
## Allfluid 0 - 5800 psi

| | |
|---|---|
| Betriebsspannung<br>Operating voltage | 18 - 32 VDC |
| Stromaufnahme ohne Schaltausgang<br>Current consumption w/o switch. output | < 80 mA |
| Schaltstrom SP 1 (Pin 4)<br>Switching current SP 1 (contact 4) | 1,3 A |
| Schaltstrom ERROR / SP 2 (Pin 2)<br>Switching current ERROR / SP 2 (cont. 2) | 0,4 A |
| Schaltlogik programmierbar<br>Switchlogic programmable | NO / NC |
| Schaltausgänge<br>Switch output | kurzschlußfest<br>short circuit protection |
| Elektroanschluß<br>Electrical connection | M 12 |
| Anschluß fluidisch<br>Fluid connection | G 1/4 i |
| 3-stellige LED-Anzeige 7-Segment<br>3-digit LED-display 7-segment | rot / 10 mm<br>red / 0,4 inch |
| Anzeige programmierbar<br>Display programmable | 0° / 180° |
| Anzeige für Schaltzustand rundum<br>Light for switch status all-round | LED rot / grün<br>LED red / green |
| Schutzart<br>Protection class | IP 67 |
| Temperaturbereich<br>Temperature range | -20° C ... +70° C |
| MediumTemperaturbereich<br>emperature range medium | -20° C ... +70° C |
| Material Messzelle<br>Wetted material | AL / Viton / Keramik<br>AL / viton / ceramic |
| Berstdruck<br>Overload pressure | 2 x $P_N$ (400 bar: 1,5 x $P_N$) |
| Linearität<br>Linearity | ≦ ± 0,2 ... 1,5 % $P_N$ |
| TK - Nullpunkt<br>Temperature sensitivity (zero point) | ± 0,2 % $P_N$ |

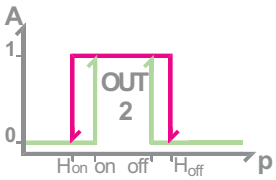


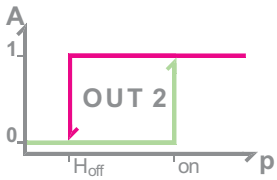




**Fenster-Komparator**
**mit 2x Hysterese**
***Window-comparator***
***with 2x hysteresis***




**Schwellwert-Komparator**
**mit Hysterese**
***Threshold value comparator***
***with hysterese***




**Die Ausgänge Out 1 und Out 2 sind separat programmierbar!**
***The outputs 1 and 2 are separetly programmable!***

| Messbereich<br>Measuring range | Artikel Nr.<br>Part No. |
|---|---|
| -1 ..... 9 bar / -14,5 ... 130 psi | 412009 |
| 0 .....16 bar / 0 ..... 232 psi | 412016 |
| 0 ... 100 bar / 0 .... 1450 psi | 412100 |
| 0 ... 250 bar / 0 .... 3625 psi | 412250 |
| 0 ... 400 bar / 0 .... 5800 psi | 412400 |

Andere Druckbereiche auf Anfrage / Other pressure ranges on request

Technische Änderungen vorbehalten, Maßzeichnungen auf Anfrage / Specifications are subject to change without notice, scale drawings on request