



## Piston Pressure Switch Type 6.1

Spring-loaded piston pressure switch for fluidic systems. For the opening, closing or switching of control circuits.

### Technical Specifications:

Nominal pressure:	Adjustment range:
100 bar	4 - 100 bar
320 bar	10 - 320 bar
640 bar	10 - 640 bar
Pressure proof:	700 bar
Agents:	hydraulic oil, oil emulsions, water subject to gasket
Gaskets:	NBR, Viton
Temperature range:	-30° - 100° C
Casing:	aluminium
Switch:	unipolar change-over contact, gold contact
Contact load:	5 A at 250 V ~ 1 A at 30 V =
System of protection:	IP 65 acc. to DIN 40050
Connection:	connector acc. to DIN 43650 A PG 9
Switching accuracy:	0.5% of set pressure
Valve hysteresis:	5 - 10% subject to temperature and viscosity of agent
Operational frequency:	120/min
Mechanical lifetime:	10 <sup>6</sup> operating cycles
Optional:	knurled adjusting screw knurled adjusting screw with lock adjustment screw locking pressure switch with fixed front-end cable connection connection plate G 1/4"

The pressure switch is fitted via 2 screws M5 x 45 screw-hole circle Ø 44 mm, alternatively pipe connection G 1/4"

Pressure adjustment is effected via adjusting screw (drawing, item 02)