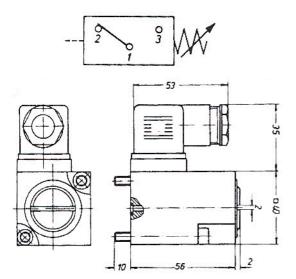
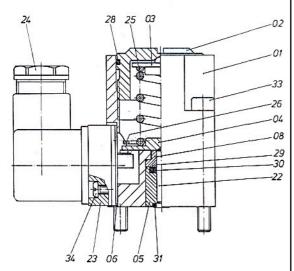
## Theodor Schneider - Netphen



www.bfn-schneider.de







## 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 5 A at 250 V ~

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  $\varnothing$  44 mm, alternatively pipe connection G 1/4"

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