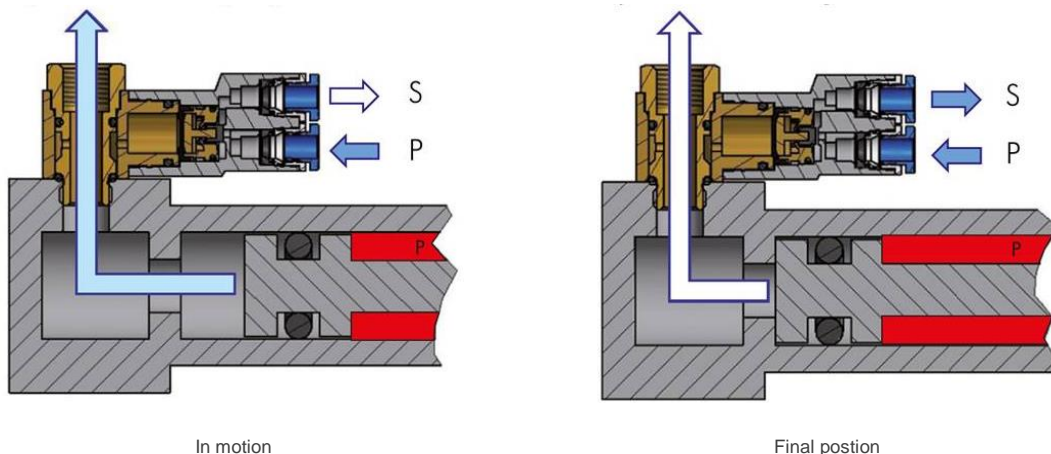


Pneumatic fitting sensor



This pneumatic sensor is used to detect the end position of a cylinder. It works by measuring the pressure drop at the outlet chamber of the cylinder when it reaches the end of the stroke. Pneumatic sensor fittings replace limit switches. The sensor is screwed into the pneumatic ports of the cylinder. It scans the working pressure of a cylinder by screwing into its input hole. The screw connection switches from (P) 1 to (S) 5 when there is no pressure on the screw connection.



Oscillating function

With the oscillating function, a cylinder can be continuously moved back and forth particularly slowly (e.g. with long linear cylinders as a squeegee in the printing industry).

Advantages:

The pneumatic sensors replace limit switches, which are structurally very difficult to attach.

The cylinder can run extremely slowly and yes oscillating without a limit switch.

- or with the exhaust air throttle open on one side, quickly to one side and extremely slowly to the other side to run.
- or run extremely fast in both directions with hardly any throttling.

