Application
Supply of pneumatic measuring and control equipment with a constant supply air pressure from 0.2 to 6 bar

The equipment is used to supply pneumatic automation equipment with compressed air at a reduced and constant pressure. The reducing stations are designed for:

**Input** (upstream pressure): 2.5 to 16 bar

**Output** (downstream pressure)
Supply air of 1.4 bar for equipment used in systems with standardized pneumatic signals. For other applications, adjustable from 0.2 to 4 bar and special versions adjustable from 2.5 to 6 bar.

Depending on the respective version, the reducing stations comprise the following components:
- One Type 50 ES Pressure Reducing Valve with set point values adjustable from 0.2 to 4 bar (special version for 2.5 to 6 bar)
  
  See Data Sheet T 2555 E for details.
- One fine air filter with condensate drain plug
- One upstream pressure gauge for 0 to 10 or 0 to 16 bar
- One downstream pressure gauge for 0 to 4 bar (special version 0 to 6 bar)
- One shut-off or changeover valve

**Versions (Fig. 2)**
The versions are assigned for different operating conditions and are distinguished mainly by their maximum air output capacity and availability during service (e.g. filter exchange, condensate drain, etc.).

Versions available are:
- Type 707-1: With pressure reducing valve, connection G 3/8
- Type 707-3: With pressure reducing valve, connection G 1/2

![Fig. 1 · Type 707-1 Reducing Station](image)

![Fig. 2 · Versions and dimensions of the Type 707 Reducing Station](image)
Application of the reducing stations

Type 707-1 is the smallest station of the series. It is primarily used in small pneumatic systems or with single devices.

Type 707-3 is largely identical with Type 707-1, however, it has a G 1/2 connection, is equipped with a larger fine air filter and exhibits an increased air output capacity.

Ordering text
Reducing Station Type 707- ...
Output 0.2 to 4 or 2.5 to 6 bar

Specifications subject to change without notice.