The product range from Festo comprises about 30,000 individual components, which can be pre-assembled to form a functional module. Accessories such as fittings and connections can also be assembled on the unit. The assembly can thus be installed directly in the system or in the higher-level system as a ready-to-install subsystem. An assembly can be made up of a wide range of components. Typical combinations include:

- Cylinder/valve combinations
- Components for compressed air preparation combined with valves
- Valve blocks

Third-party components can be integrated and the assembly can be mounted on a plate as required.

A complete functional test of the entire unit is carried out after completion. The assembly is supplied ready-to-install.

Technical data

- Combination of various pneumatic and/or electrical components to create a single unit
- For a wide range of industrial applications
- Application-specific combination of components
- Optional accessories mounted on sub-assemblies
- Use of the latest innovations and technologies

- Ready-to-install: all the steps from engineering through to assembly and right up to quality inspection are carried out by Festo specialists
- Fully tested, with test certificate
- Complete documentation

- Design conforms to:
  - EN 60204-1
  - ATEX zone 1 and 21 (pneumatic only), ATEX zone 2 and 22 (electric and electropneumatic)
  - UL-508A
- Implementation of safety functions

Ready-to-install – the benefits to you

Ordering

Just one order number for the entire solution.

Production and assembly

The entire production and assembly process, including wiring and connection, is taken care of for you. Connections to the system can be pre-installed on the assembly if required.

Checking and testing

The assembly is fully tested.

Documentation

You receive detailed system documentation, which you can quickly and easily integrate into your overall documentation:

- Assembly drawing
- Parts list
- Circuit diagrams
- Operating instructions for components

Interested in assemblies?

Ask your Festo sales engineer, who will be happy to help.

Or visit your local website at www.festo.com, where you will find further information on ready-to-install solutions.
Assemblies

1 Valves and valve terminals
2 Other pneumatic components
   - Cylinders
   - Pressure regulators
   - Pressure gauges
   - Third-party components
   - Connections
   - Sensors
   - Servopneumatics
   - etc.

3 Tubing, wiring and piping
   - Number of wires
   - Cross section
   - Cable harness/individual cables
   - Cable inscription

4 Outputs
   - Pneumatic
   - Electrical
   - Multi-pin interfaces
   - Mounting options
     - For mounting in the system

5 Compressed air preparation
   - MS series
   - D series
   - Customised configuration of modules

6 Ready-to-install solutions > Mounting plates and assemblies >