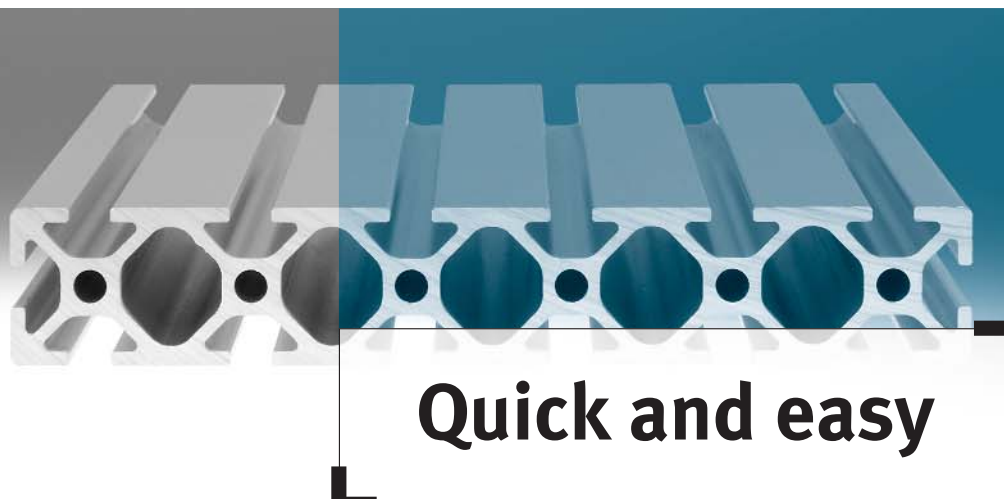


Mechanical Components

The universal profile system

FESTO



Quick and easy

Designed for a broad range of applications: Mechanical Components from Festo. This system of profiles, other components and accessories can be used as a modular system for industrial apparatus and installations – and also to provide support for Festo's pneumatic products.

Quick easy fitting via adapters

The system has been developed logically to provide quick and easy fitting of pneumatic components via adapters – offering slot widths of both 5 and 8 mm.

Built-in energy supply

The support components can be used to carry compressed air to provide a simple form of energy supply – without any need for laborious laying of tubing or piping.

For universal applications

Designed to be suitable for all kinds of requirements and applications, no matter whether a single workstation, a complete spe-

cial machine, a functional piece of warehouse equipment or even a piece of office furniture – everything is possible.

Highly compatible – can be re-configured at any time

Even compatible with other profile systems! The choice of different profile cross-sections and special profile plates allows precise matching to any given application. A further plus: Very little material is required, even for heavily-loaded frames and attachments.

Unique profile plates

Only from Festo: Profile plates in widths of up to 400 mm.



Fast and flexible!

Internal energy supply!

Unique!

925.1.PSI →

Product Short Information

Mechanical Components






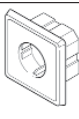
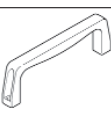
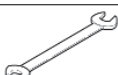
The universal profile system

Can be re-configured at any time, adapts to individual size requirements, flexible choice of versions: The Mechanical Components system.

Applications
Applications far above and beyond the examples below can be produced with these Mechanical Components. The extruded

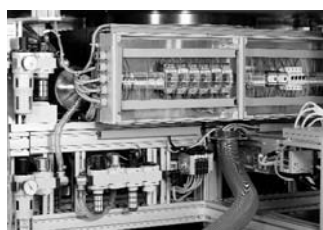
profiles made of anodised aluminium alloy mean low weight and high load capacity – even in the ultra-light versions.

The product range

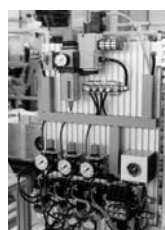
Components	Types	Features	Advantages
Profile 	<ul style="list-style-type: none"> • System 5, slot width 5 mm, ideal for light apparatus • System 8, slot width 8 mm 	Extruded anodised aluminium alloy, continuous internal bore	<ul style="list-style-type: none"> • Quickly put to use • Accepts cables/tubing • System 8 with different cross-sections and adapter profiles
Connector components 	<ul style="list-style-type: none"> • Profile and angle connectors • Slot nuts, screws 	<ul style="list-style-type: none"> • Steel or die-cast zinc, aluminium • Systems 5 and 8 can be interconnected 	Wide choice of variants for maximum versatility
Cover components 	<ul style="list-style-type: none"> • Cover caps • Cover/enclosure profiles 	<ul style="list-style-type: none"> • PA 6, PA-GF, PP, PVC • Neutral or anodised 	<ul style="list-style-type: none"> • Tidy installation, protected against dirt • Attractive appearance
Adjusting components 	<ul style="list-style-type: none"> • Adjustable feet • Rollers • Foot plates • Floor anchoring components 	<ul style="list-style-type: none"> • Steel, aluminium, die-cast zinc • TPE 	<ul style="list-style-type: none"> • Inexpensive, high load capacity, safe • Adjustable feet are vibration-damped, non-slip, some with infinite height adjustment
Panel components 	<ul style="list-style-type: none"> • Metal, plastic, wood • Mountings 	<ul style="list-style-type: none"> • Steel, aluminium, aluminium/PE, • PVC, PMMA, PC, HPL 	<ul style="list-style-type: none"> • Stable, versatile. secure • Virtually infinite adaptation to all material thicknesses • Special versions possible
Energy feeds 	<ul style="list-style-type: none"> • Pneumatic • Electrical 	<ul style="list-style-type: none"> • Pneumatic: Supply and blanking plates, outlet plate for System 8 • Electrical: Cable ducts, accessories, floor and side profiles, switches, sockets, cable binders, sensor brackets, fixings 	<ul style="list-style-type: none"> • Fast installation of standard components such as sockets • Flexible • Safe
Accessories 	<ul style="list-style-type: none"> • Hinges • Articulated joints • Tools • Handles 	Tools for machining by users: cap opener for upper cable carrier, drilling jigs, notching jig and tool	<ul style="list-style-type: none"> • Ideal for further applications e.g. moving attachments • User assembly possible
Services 	<ul style="list-style-type: none"> • Design • Assembly • Machining • Surface treatment 		<ul style="list-style-type: none"> • Everything from a single source!



Measuring system



Profile system supporting control equipment



Test rig on 400 mm profile plate

Festo AG & Co. KG

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