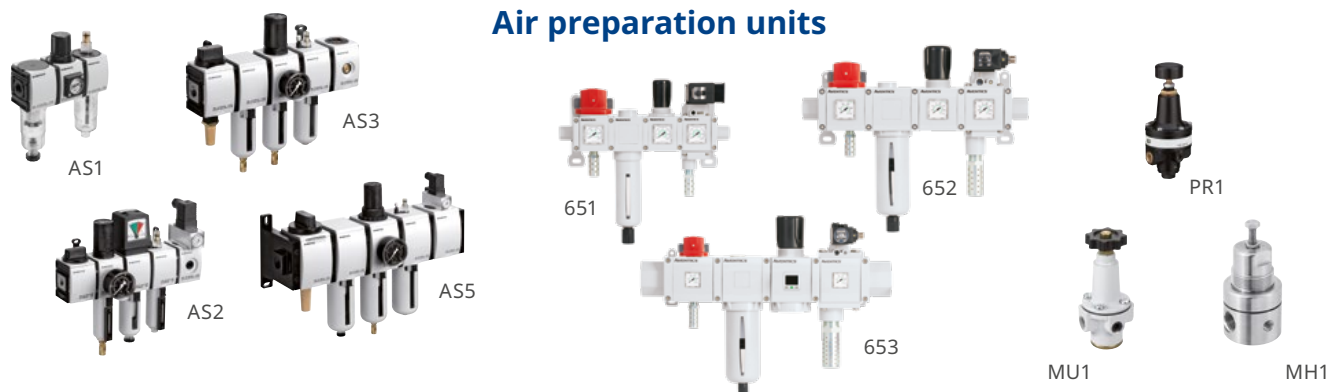


Compressed air preparation

Air preparation units



Pages 6-11

Pressure gauges



Page 11

Pressure sensors



Pages 12-13

Assembly material

Push-in fittings



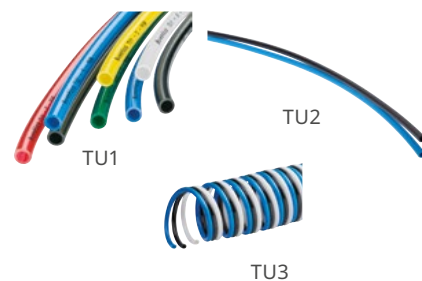
Pages 14-15

Fittings with tube nuts, couplings, silencers and other products



Pages 16-17

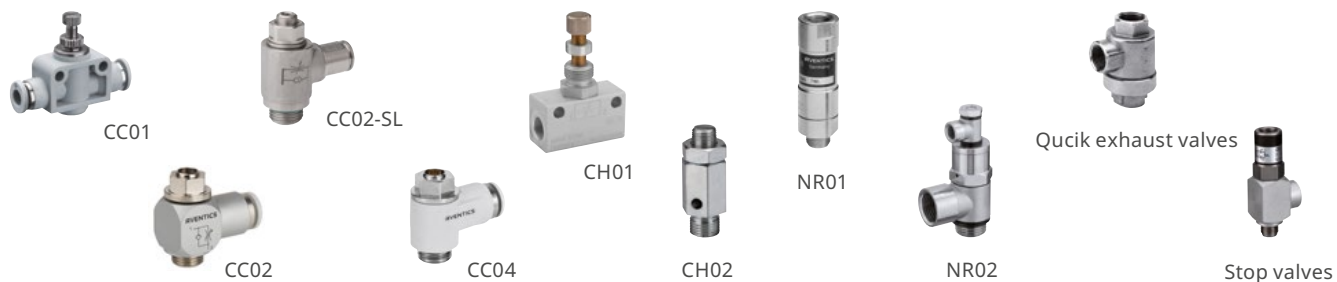
Plastic tubing



Pages 18-19

Flow and check valves

Flow and check valves, throttle valves and non-return valves, other valves



Pages 20-21

AS series – our ace in the hole for perfect compressed air

All functions, all sizes – the modular versatility of the AS series air preparation units enable universal application. They have compact dimensions; are highly efficient; light and easy-to-use design; guarantee reliable, safe, and economical continuous operation with simplified assembly and maintenance efforts.

Everything that is possible – everything that is needed

The air preparation units in the AS series not only perform the standard functions of filtration, regulation, and lubrication, they also allow for the integration of specific function requirements such as shut-off valves, filling valves, distributors, and non-return valves. They are set apart by excellent performance data, high flexibility, and exceptional energy efficiency, all thanks to optimized condensate drain valves, finely-tuned filter element sizes, and smooth and precise pressure regulators.

AS series highlights

SV03-AS2 series

- 3/2 directional safety valve
- Category 4 PL e
- Safe exhaust and protection against unexpected startup
- Modular integration in AS2 series air preparation units
- Compressed air connection: G1/4



EV12, EV18 series

- Electropneumatic pressure regulator with high flow
- Can be integrated into AS3/AS5 series air preparation unit or stand-alone solution
- On-board parameterization
- Tamperproof
- No pressure loss in case of a load





The AS series can be integrated almost anywhere. It can be found in many different industries – modular, compact and with an award-winning design.

Well-equipped for any need with just four series

The AS series covers the entire range up to a flow rate of 14,500 l/min. With its award-winning industrial design, it is sure to convince you with its compact construction and use of modern materials. The assembly widths can be very small and high-quality polymers make the air preparation units very light, yet sturdy. Incorporating sophisticated technology and many fully automatic functions, reduce assembly and maintenance tasks to a minimum. It is no problem to exchange individual elements or expand the system at a later point, even when installed.



AS1
Flow rate: Up to 1,000 l/min.
Width: 43 mm
















AS2
Flow rate: Up to 2,700 l/min.
Width: 52 mm



AS3
Flow rate: Up to 5,200 l/min.
Width: 63 mm



AS5
Flow rate: Up to 14,500 l/min.
Width: 85 mm

Qn		Series	Designation	Ports	Filter porosity	ATEX
1,000 l/min		AS1	Air preparation units	G1/4	0.01 µm	
2,700 l/min		AS2	Air preparation units	G1/4 – G3/8	0.01 – 40 µm	
5,200 l/min		AS3	Air preparation units	G3/8 – G1/2	0.01 – 40 µm	
14,500 l/min		AS5	Air preparation units	G3/4 – G1	0.01 – 40 µm	
2,060 l/min		651	Air preparation units	G1/8 – G1/4	0.01 – 40 µm	Optional
7,000 l/min		652	Air preparation units	G1/4 – G1/2	0.01 – 40 µm	Optional
11,500 l/min		653	Air preparation units	G1/2 – G1	0.01 – 40 µm	Optional
325 – 2,000 l/min		MH1	Air preparation units	G1/4 – G1/2	5 µm	
350 – 25,000 l/min		MU1	Air preparation units	G1 – G2	8 – 60 µm	
750 – 5,600 l/min		PR1	Precision pressure regulators	G1/4 – G1/2		
		PE5	Electronic pressure sensor	G1/4 Push-in-fitting Ø 4		
		PE6	Electronic pressure sensor	Flange Ø 1.2 x 1		
		PE7	Electronic pressure sensor	G1/4		
		PM1	Mechanical pressure switch	G1/4 Flange Ø 5 x 1.5		Optional