

Available as a single valve or valve block: TC08 and TC15 cover all applications



The benefits at a glance:

- Compact dimensions with high flow rate capacities
- Outstanding performance even under harsh conditions
- Air connection via commercially available standard fittings
- Tried-and-tested technology
- Low in height as there is no base plate
- Reduced weight
- Modular extension features
- Easy to mount/dismantle using tie-rod principle
- Service-friendly aspects

TC08 in a single valve design

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**Increase in Flow Rate and Decrease in Size:
The New TC Valve Series**

For a multitude of applications



**The low-cost alternative for compact design:
TC valve series**

The constant trend in the pneumatics sector is towards smaller valves with higher flow rates. In response to this demand, we have developed the new TC valve series: These valves are ideal for pneumatic applications in a limited space and with extremely demanding flow rate capacities. You can choose between single or block valves. The block valves are available as part of a valve unit. The product name gives a clear indication of the valve's flow rate: The TC08 block or single valves reach a flow rate of 800 litres per minute and the larger TC15 range of block and single valves even reaches 1500 litres per minute. The valve width, however, measures less than 17 (TC08) and 21 millimetres (TC15) respectively.



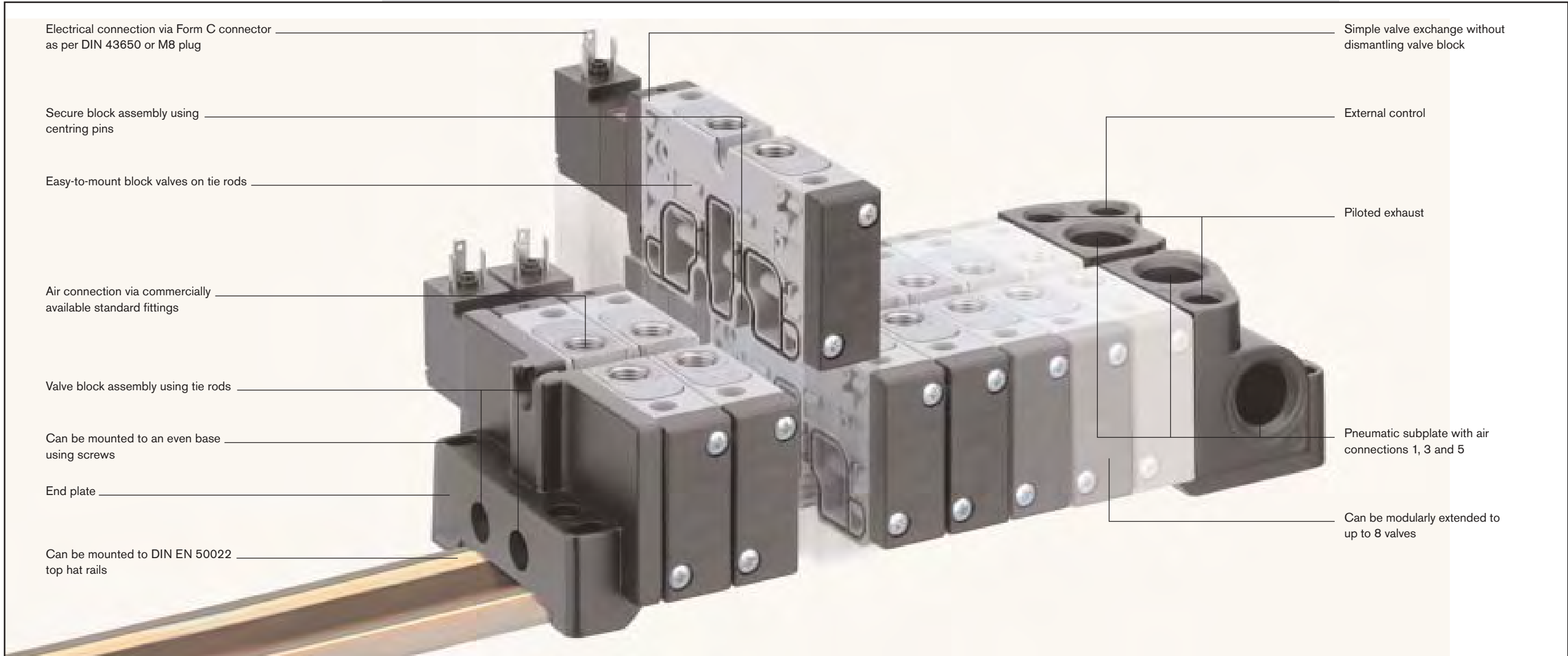
Measuring up to size: TC08 block valve and TC15 single valve (here with a Form C connector as per DIN 43650)

Block-to-block advantages: With all the features you need

The block valves in the TC valve series can be modularly combined to form a valve block of up to 8 valves. The main benefit of this block assembly principle is its compact size. Three tie rods connect the chosen number of valves to a valve block by means of a pneumatic subplate and an

end plate. Our conscious decision to omit conventional base plates has not only reduced the height but also the weight of the block. The TC valve series is extremely easy to assemble. There is no need to dismantle the entire valve block when exchanging the valves.

Even the single TC valves are easy to mount



Electrical connection via Form C connector as per DIN 43650 or M8 plug

Secure block assembly using centring pins

Easy-to-mount block valves on tie rods

Air connection via commercially available standard fittings

Valve block assembly using tie rods

Can be mounted to an even base using screws

End plate

Can be mounted to DIN EN 50022 top hat rails

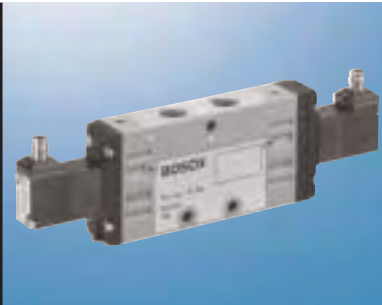
Simple valve exchange without dismantling valve block

External control

Piloted exhaust

Pneumatic subplate with air connections 1, 3 and 5

Can be modularly extended to up to 8 valves



With the help of through-bores, the single valves can be flanged to any even surface. Commercially available standard fittings can be used for connecting the air supply. The compact dimensions and light weight make this valve ideal for mounting onto cylinders – as well as frames or walls.