

- Optimized flow to size
- Easy and flexible custom specific configurations via online configurator
- Broad connectivity through terminal strip, multipol, or fieldbus connection
- Multiple pneumatic connection directions as side, bottom and top
- Low energy consumption
- Wide range of accessories as shut-off, supply modules, speed modules and regulators
- Webserver and diagnostic
- Global availability and universal threads to support regional demands
- Robust aluminium base plate and ready for cabinet assembly



## Series XV05

The AVENTICS XV05 series provides a reliable basis for both compact handling systems and complex automation solutions. It comprises a wide range of valve functions and accessories as well as the required electrical connectivity for all requirements in factory automation and other industries. The associated XVES Connectivity module allows for connection options ranging from simple direct control via D-SUB or terminal strips to a variety of fieldbus protocols. Our one-of-a-kind online configurator makes it easy to configure the complete valve system, including accessories, so that it is perfectly tailored to your application needs.

## Technical data

Industry	Industrial
Scope of delivery	Sandwich plate, sealing kit, mounting screws
Min. working pressure	-0.95 bar
Max. working pressure	10 bar
Min. ambient temperature	-10 °C
Max. ambient temperature	50 °C
Medium	Compressed air
Min. oil content of compressed air	0 mg/m <sup>3</sup>
Max. oil content of compressed air	5 mg/m <sup>3</sup>
Number of valve positions	1
Protection class	IP65

## Material

Housing material	Aluminum, anodized
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# Air supply sandwich plate, series XV05

C573AW555919009

Series  
XV05

2025-03-10

Seal material  
Screws material  
Part No.

Hydrogenated nitrile butadiene rubber  
Stainless Steel  
C573AW555919009

## Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

## Dimensions

