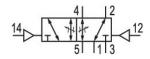
5/2-directional valve, Series 581, size 4

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ISO 5599-1, size 4, series 581

Qn = 1400 l/min





Technical data

Industry Industrial Activation Pneumatically

5/2 Switching principle

Connection type Plate connection

Nominal flow Qn 6000 I/min

Compressed air connection output Base plate ISO 5599-1

Min. working pressure -0.95 bar 16 bar Max. working pressure Sealing principle Soft seal Standards ISO 5599-1 Spool valve Valve type

Version ISO₄

Throttle with throttle

Can be assembled into blocks Can be assembled into blocks

Single base plate principle Blocking principle

Min. control pressure 1.5 bar 16 bar Max. control pressure -20 °C Min. ambient temperature 70 °C Max. ambient temperature

581 ISO 4

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Min. medium temperature -20 °C 70 °C Max. medium temperature

Medium Compressed air

5/2-directional valve, Series 581, size 4

Max. particle size 50 µm Min. oil content of compressed air 0 mg/m³ Max. oil content of compressed air 5 mg/m³

Compressed air connection input Base plate ISO 5599-1

Flow conductance C 24.5 l/(s*bar)

Mounting screw with hexagon socket

Mounting screw tightening torque 10 Nm Weight 1.28 kg Housing material **Aluminum**

Seal material Acrylonitrile butadiene rubber

Part No. 5814231000

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

