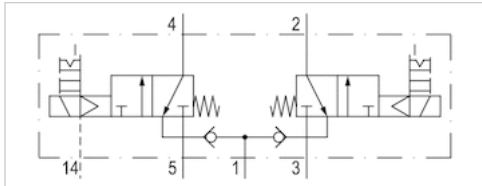


2x3/2-directional valve, Series 581, size 1

- ISO 5599-1
- ISO 1
- 2x3/2
- Qn = 950 l/min
- Compressed air connection output Base plate ISO 5599-1
- Electrical connection Plug, EN 175301-803, form A
- Manual override with detent, without detent



Version	Spool valve
Pilot	external
Sealing principle	Soft sealing
Blocking principle	Single base plate principle
Connection type	Plate connection
Standards	ISO 5599-1, ISO 1
Working pressure min./max.	0 ... 8 bar
Control pressure min./max.	3,5 ... 8 bar
Ambient temperature min./max.	-15 ... 50 °C
Medium temperature min./max.	-15 ... 50 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 5 mg/m ³
Nominal flow Qn	950 l/min
Flow conductance C	3,2 l/(s*bar)
Protection class with connection	IP65
Compatibility index	14
Duty cycle	100 %
Typ. switch-on time	12 ms
Typ. switch-off time	29 ms
Mounting screw	with hexagon socket
Mounting screw tightening torque	2 Nm
Weight	0,5 kg

Technical data

Part No.		MO	Operationalvoltage DC	Operationalvoltage AC 50 Hz	Voltage tolerance DC
R402003719	NC/NC		24 V	-	-10% / +10%
R402003718	NC/NC		-	230 V	-

Part No.	Voltage tolerance AC 50 Hz	Power consumption DC	Holding power AC 50 Hz	Switch-on power AC 50 Hz
R402003719	-	2 W	-	-
R402003718	-10% / +10%	-	4,8 VA	7 VA

Part No.	Compatibility index	Electrical connection Pilot valve
R402003719	14	Plug EN 175301-803, form A
R402003718	14	Plug EN 175301-803, form A

The valve must be supplied with compressed air via ports 3 and 5, Nominal flow Qn at 6 bar and $\Delta p = 1$ bar, MO = Manual override

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 under 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 the MediaCentre).

Technical information

Housing	Aluminum
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions

