



5/2-directional valve, Series 581, size 1

- Qn = 1400 l/min
- Plate connection
- Compressed air connection output Base plate ISO 5599-1
- Can be assembled into blocks
- Manual override without detent



Type	Spool valve
Blocking principle	Single base plate principle
Sealing principle	Soft sealing
Connection type	Plate connection
Standards	ISO 5599-1, ISO 1
Nominal flow Qn	1400 l/min
Compressed air connection	Base plate ISO 5599-1
Working pressure min./max.	
Control pressure min./max.	-0,95 ... 16 bar
Ambient temperature min./max.	1,5 ... 16 bar
Medium temperature min./max.	-20 ... 70 °C
Medium	-20 ... 70 °C
Max. particle size	Compressed air class 6-4-3
Oil content of compressed air	50 µm
Mounting screw	0 ... 5 mg/m³
Mounting screw tightening torque	with hexagon socket
Weight	2 Nm
	0,21 kg

Technical data

Part No.		Flow conductance	Throttle		
		C-value			
5811330000		5,2 l/(s*bar)	-	-	
5811331000		5,2 l/(s*bar)	with throttle	1)	

Nominal flow Qn at 6 bar and Δp = 1 bar

1) with throttle

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.

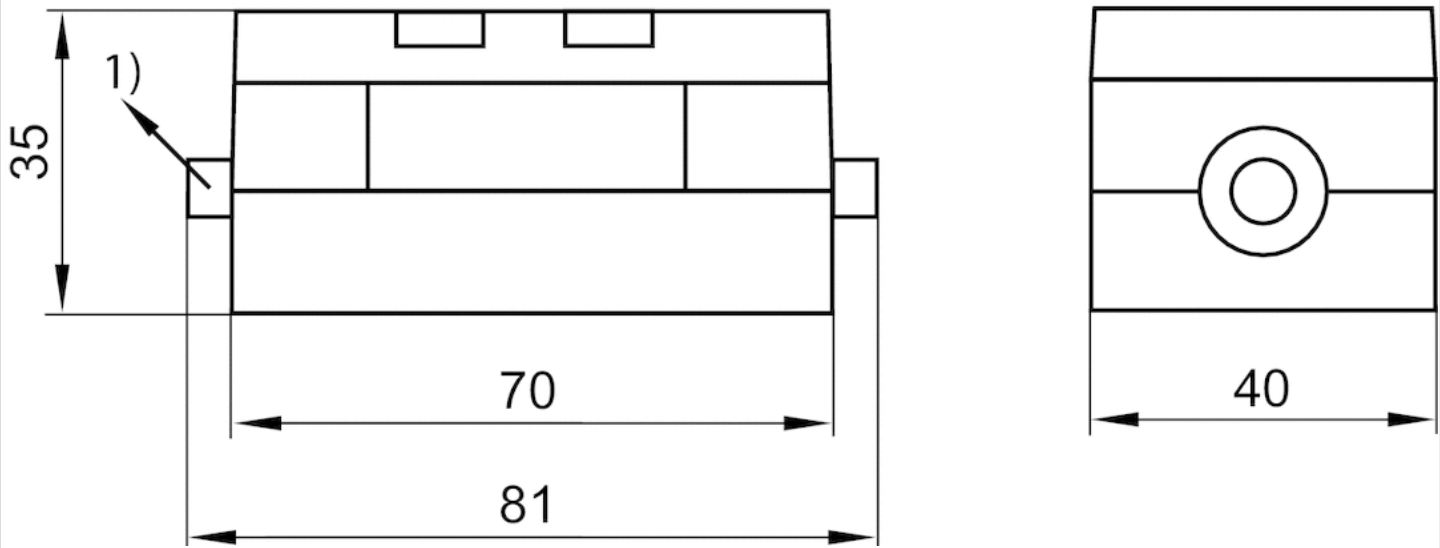
Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in the MediaCentre).

Technical information

Housing	Aluminum
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions



1) With manual override

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