




5/2-directional valve, CD01-PA

- Qn = 1010 l/min
- Plate connection
- Compressed air connection output base plate DIN ISO 15407-1
- suitable for ATEX



Type	Spool valve, positive overlapping
Sealing principle	Soft sealing
ATEX class G	3G
Certificates	Free of substances that impair surface wetting in the coating process
Connection type	Plate connection
Standards	ISO 15407-1, 26 mm
Nominal flow Qn	1010 l/min
Compressed air connection	base plate DIN ISO 15407-1
Working pressure min./max.	-0,95 ... 16 bar
Control pressure min./max.	See table below
Ambient temperature min./max.	See table below
Medium temperature min./max.	See table below
Medium	Compressed air class 3-3-2
Max. particle size	50 µm
Oil content of compressed air	0 ... 5 mg/m³
Mounting screw	M4 with hexagon socket
Mounting screw tightening torque	2,5 Nm
Weight	0,16 kg

Technical data

Part No.		Flow	Flow	Control pressure min./max.	Ambient temperature min./max.
		Qn 1►2	Qn 2►3		
5714003500		1010 l/min	1010 l/min	16 bar	-15 ... 50 °C
5714003520		1010 l/min	1010 l/min	2 ... 16 bar	-15 ... 50 °C
5714003530		1010 l/min	1010 l/min	2 ... 16 bar	0 ... 50 °C

Part No.	Medium temperature min./max.	ATEX	
5714003500	-15 ... 50 °C	suitable for ATEX	1)
5714003520	-15 ... 50 °C	suitable for ATEX	-
5714003530	0 ... 50 °C	suitable for ATEX	2)

- Nominal flow Qn at 6 bar and Δp = 1 bar
- 1) See diagram, With differential piston, Signal 14 has priority
- 2) With differential piston, Signal 14 has priority

Technical information

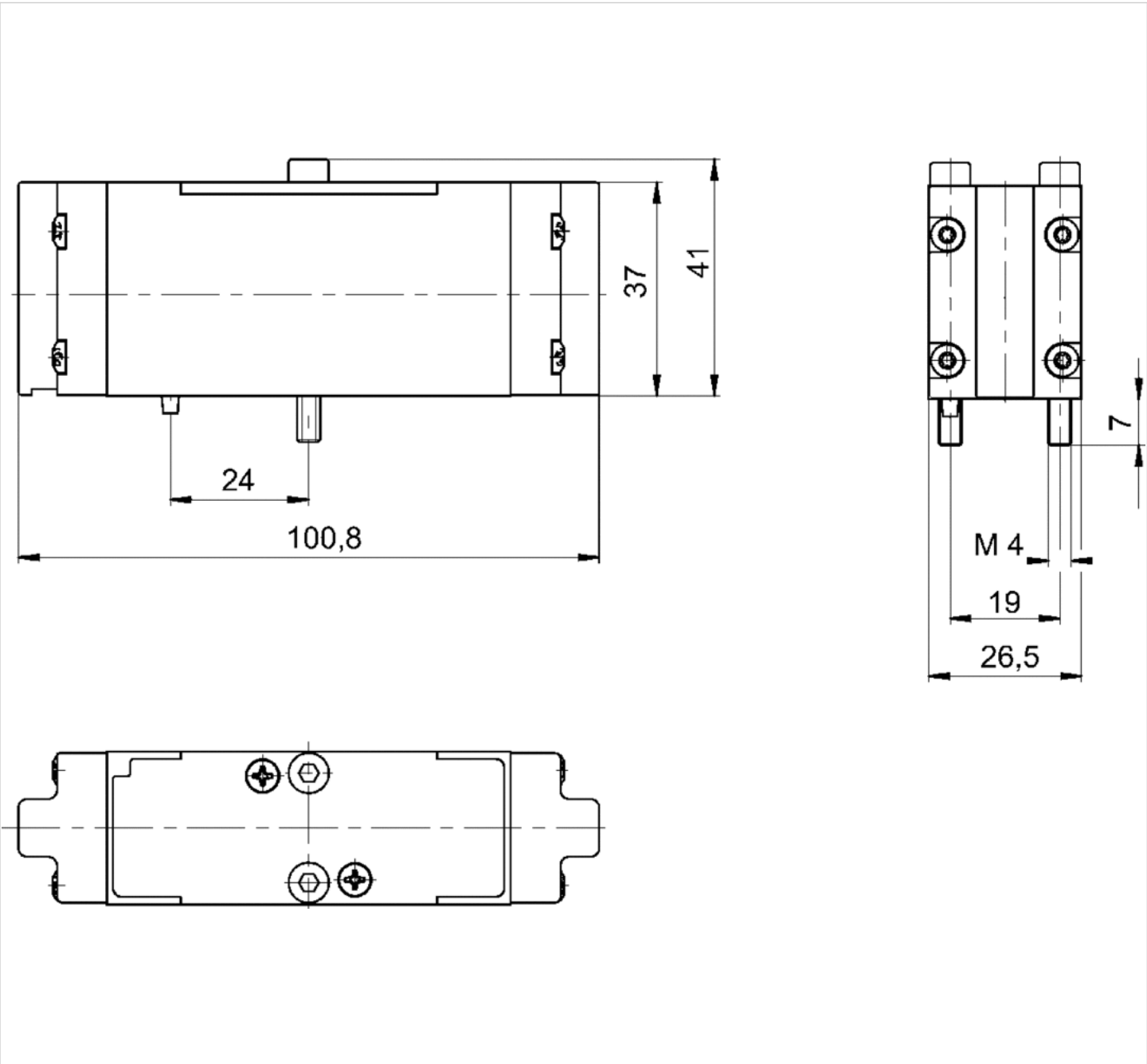
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The oil content of compressed air must remain constant during the life cycle.
Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in the MediaCentre).

Technical information

Housing	Polyamide Polyoxymethylene
Seals	Acrylonitrile butadiene rubber

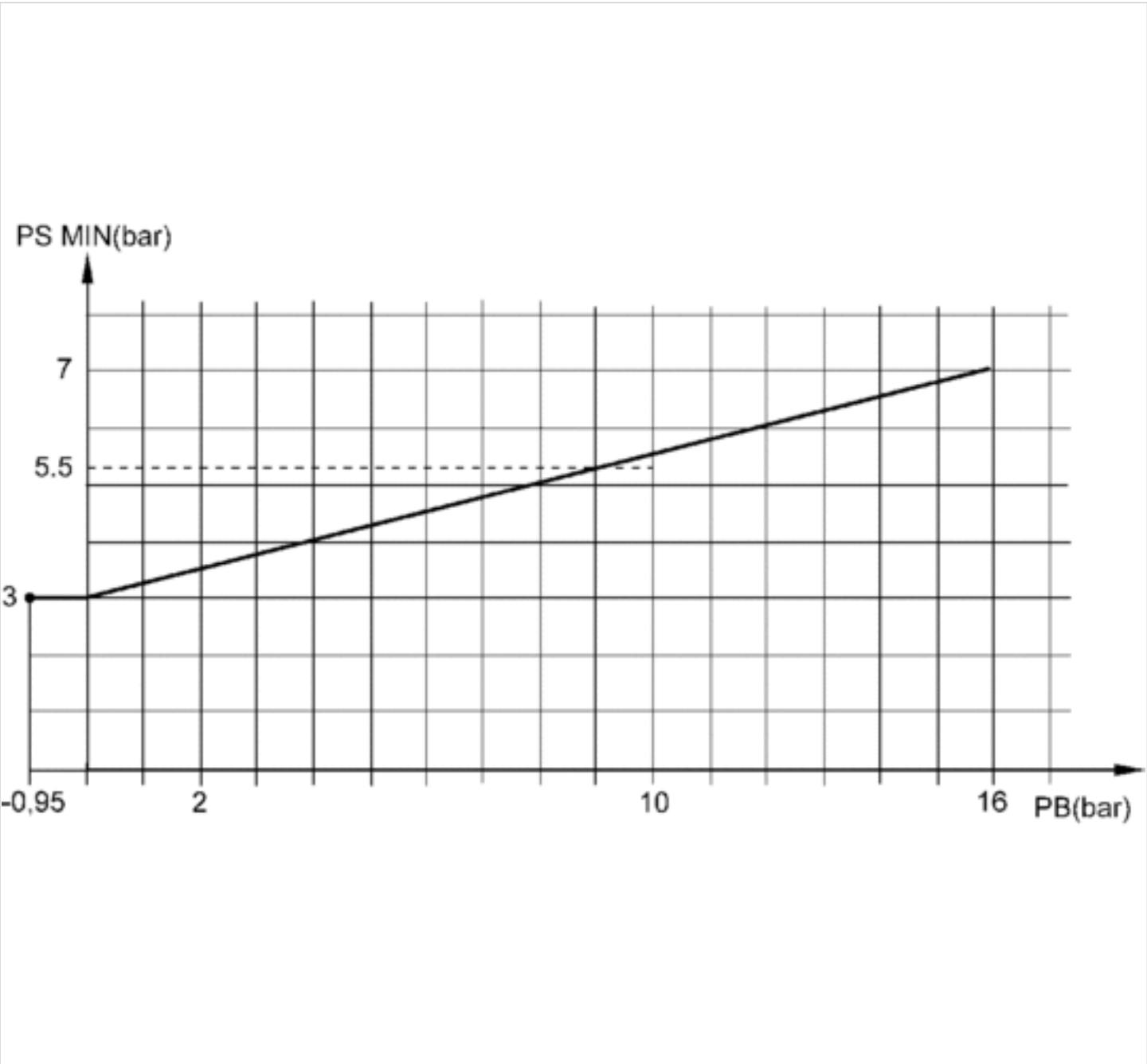
Dimensions

Dimensions



Diagrams

Diagram, Control pressure



PB= Working pressure
PS = control pressure

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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