









5/2-directional valve, Series CD01-PA

- ISO 15407-1
- 26 mm
- 5/2
- ISO 15407-1, 26 mm
- double solenoid
- $Q_n = 1010 \text{ l/min}$
- Compressed air connection output base plate DIN ISO 15407-1
- Electrical connection Plug, M12x1, 4-pin
- Manual override without detent with detent



Type	Spool valve, positive overlapping
Sealing principle	Soft sealing
Connection type	Plate connection
Standards	ISO 15407-1, 26 mm
Certificates	Free of substances that impair surface wetting in the coating process
Working pressure min./max.	See table below
Control pressure min./max.	2 ... 10 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/m³
Nominal flow Q_n	1010 l/min
Compressed air connection	according to ISO 15407-1
Protection class with connection	IP65
Protective circuit	43 V bi-directional
LED status display	Yellow
Duty cycle	100 %
Typ. switch-on time	17 ms
Typ. switch-off time	17 ms
Mounting screw	M4 with hexagon socket
Mounting screw tightening torque	2,5 Nm
Weight	0,29 kg

Technical data

Part No.		MO	Operational voltage DC	Voltage tolerance DC
5763520720			24 V	-10% / +10%
5763520520			24 V	-10% / +10%
5763650720			24 V	-10% / +10%
5763650520			24 V	-10% / +10%

Part No.	Power consumption DC	Pilot	Nominal flow 1 ► 2	Nominal flow 2 ► 3
5763520720	1,6 W	Internal	1010 l/min	1010 l/min

Part No.	Power consumption DC	Pilot	Nominal flow 1 ► 2	Nominal flow 2 ► 3
5763520520	1,6 W	Internal	1010 l/min	1010 l/min
5763650720	1,6 W	External	1010 l/min	1010 l/min
5763650520	1,6 W	External	1010 l/min	1010 l/min

Part No.	Working pressure min./max.	Electrical connection Pilot valve
5763520720	2 ... 10 bar	Plug M12x1 4-pin
5763520520	2 ... 10 bar	Plug M12x1 4-pin
5763650720	-0,95 ... 16 bar	Plug M12x1 4-pin
5763650520	-0,95 ... 16 bar	Plug M12x1 4-pin

Nominal flow Q_n at 6 bar and Δp = 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.

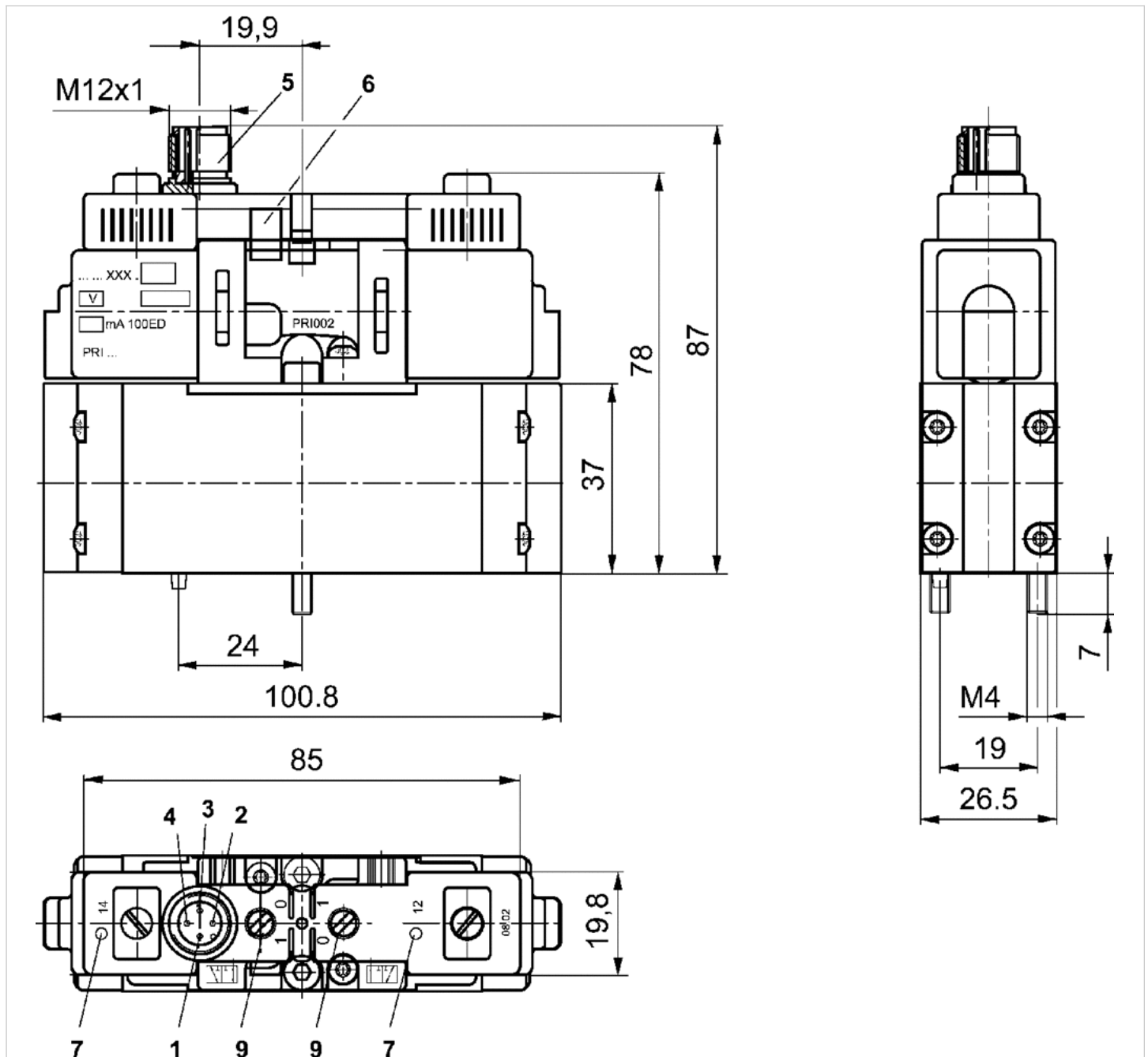
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Housing	Polyamide Polyoxymethylene
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions



1) not assigned 2) magnet 12 3) 0 V 4) magnet 14 5) metal round plug M12x1 6) positioning pin 7) yellow valve switching state LED 9) manual override

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