

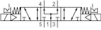
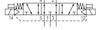
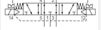
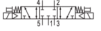
5/3-directional valve, Series CD01-PA

- ISO 15407-1
- 26 mm
- 5/3
- ISO 15407-1, 26 mm
- pressurized center exhausted center closed center
- Qn = 650 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.	3 ... 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 Qn	See table below
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	See table below
Typ. switch-off time	See table below
Mounting screw	M4 with hexagon socket
Mounting screw tightening torque	2,5 Nm
Weight	0,3 kg

Technical data

Part No.		MO		Operational voltage DC
5763800720			pressurized center	24 V
5763800520			pressurized center	24 V
5763850720			pressurized center	24 V
5763850520			pressurized center	24 V
5763810720			exhausted center	24 V
5763810520			exhausted center	24 V
5763860720			exhausted center	24 V
5763860520			exhausted center	24 V
5763820720			closed center	24 V
5763820520			closed center	24 V
5763870720			closed center	24 V
5763870520			closed center	24 V

Part No.	Voltage tolerance DC	Power consumption DC	Pilot	Nominal flow Qn
5763800720	-10% / +10%	1,6 W	Internal	-
5763800520	-10% / +10%	1,6 W	Internal	-
5763850720	-10% / +10%	1,6 W	External	-
5763850520	-10% / +10%	1,6 W	External	-
5763810720	-10% / +10%	1,6 W	Internal	-
5763810520	-10% / +10%	1,6 W	Internal	-
5763860720	-10% / +10%	1,6 W	External	-
5763860520	-10% / +10%	1,6 W	External	-
5763820720	-10% / +10%	1,6 W	Internal	650 l/min
5763820520	-10% / +10%	1,6 W	Internal	650 l/min
5763870720	-10% / +10%	1,6 W	External	650 l/min
5763870520	-10% / +10%	1,6 W	External	650 l/min

Part No.	Nominal flow 1 ► 2	Nominal flow 2 ► 3	Working pressure min./max.
5763800720	750 l/min	650 l/min	3 ... 10 bar
5763800520	750 l/min	650 l/min	3 ... 10 bar
5763850720	750 l/min	650 l/min	-0,95 ... 16 bar
5763850520	750 l/min	650 l/min	-0,95 ... 16 bar
5763810720	650 l/min	750 l/min	3 ... 10 bar
5763810520	650 l/min	750 l/min	3 ... 10 bar
5763860720	650 l/min	750 l/min	-0,95 ... 16 bar
5763860520	650 l/min	750 l/min	-0,95 ... 16 bar
5763820720	650 l/min	650 l/min	3 ... 10 bar
5763820520	650 l/min	650 l/min	3 ... 10 bar
5763870720	650 l/min	650 l/min	-0,95 ... 16 bar
5763870520	650 l/min	650 l/min	-0,95 ... 16 bar

Part No.	Typ. switch-on time	Typ. switch-off time	Electrical connection Pilot valve
5763800720	27 ms	55 ms	Plug M12x1 4-pin
5763800520	27 ms	55 ms	Plug M12x1 4-pin
5763850720	27 ms	55 ms	Plug M12x1 4-pin
5763850520	27 ms	55 ms	Plug M12x1 4-pin
5763810720	24 ms	58 ms	Plug M12x1 4-pin
5763810520	24 ms	58 ms	Plug M12x1 4-pin
5763860720	24 ms	58 ms	Plug M12x1 4-pin
5763860520	24 ms	58 ms	Plug M12x1 4-pin
5763820720	24 ms	49 ms	Plug M12x1 4-pin
5763820520	24 ms	49 ms	Plug M12x1 4-pin
5763870720	24 ms	49 ms	Plug M12x1 4-pin
5763870520	24 ms	49 ms	Plug M12x1 4-pin

Nominal flow Q_n with secondary pressure 6 bar at $\Delta p = 1$ 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.

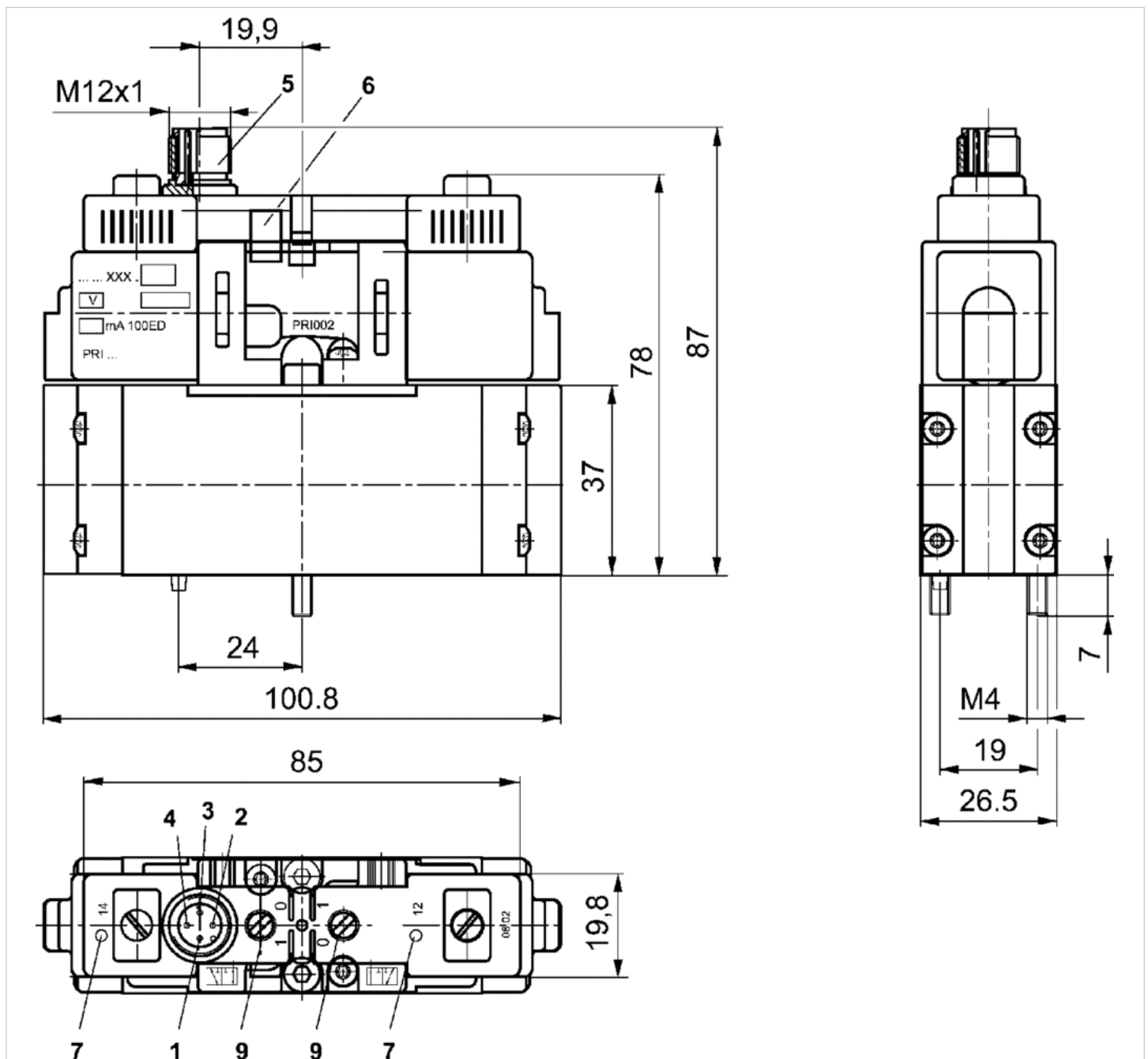
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Housing	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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