

2 x 3/2-directional valve, Series WV02

- Qn = 600 l/min
- Pilot valve width : 15 mm
- Pipe connection
- Compressed air connection output : G 1/8
- Electrical connection : Plug, ISO 15217, form C
- Manual override : without detent
- Pilot : internal



Version	Spool valve, positive overlapping
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	2,2 ... 10 bar
Control pressure min./max.	2,2 ... 10 bar
Ambient temperature min./max.	0 ... 50 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m³
Nominal flow Qn	600 l/min
Connector standard	ISO 15217
Protection class,with connection	IP65
Duty cycle	100 %
Typ. switch-on time	12 ms
Typ. switch-off time	24 ms
Mounting on manifold strip	PRS strip
mounting screws	M3
Weight	0,16 kg

Technical data

Part No.			MO	Compressed air connection	
				Input	
0820037004		NC/NC		G 1/8	
0820037002		NC/NC		G 1/8	
0820037003		NC/NC		G 1/8	
0820037005		NC/NC		G 1/8	
0820037001		NC/NC		G 1/8	
0820037028		NO/NO		G 1/8	
0820037026		NO/NO		G 1/8	
0820037027		NO/NO		G 1/8	
0820037029		NO/NO		G 1/8	
0820037025		NO/NO		G 1/8	
0820037053		NO/NC		G 1/8	
0820037051		NO/NC		G 1/8	
0820037052		NO/NC		G 1/8	
0820037054		NO/NC		G 1/8	
0820037050		NO/NC		G 1/8	

Part No.	Compressed air connection	Operational voltage	
	Output	DC	AC 50 Hz
0820037004	G 1/8	-	24 V
0820037002	G 1/8	24 V	-
0820037003	G 1/8	24 V	-
0820037005	G 1/8	-	110 V
0820037001	G 1/8	-	230 V
0820037028	G 1/8	-	24 V
0820037026	G 1/8	24 V	-
0820037027	G 1/8	24 V	-
0820037029	G 1/8	-	110 V
0820037025	G 1/8	-	230 V
0820037053	G 1/8	-	24 V
0820037051	G 1/8	24 V	-
0820037052	G 1/8	24 V	-
0820037054	G 1/8	-	110 V
0820037050	G 1/8	-	230 V

Part No.	Operational voltage	Voltage tolerance	Voltage tolerance	Voltage tolerance
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
0820037004	24 V	-	-10% / +10%	-10% / +10%
0820037002	-	-10% / +10%	-	-
0820037003	-	-10% / +10%	-	-
0820037005	110 V	-	-10% / +10%	-10% / +10%
0820037001	230 V	-	-10% / +10%	-10% / +10%
0820037028	24 V	-	-10% / +10%	-10% / +10%
0820037026	-	-10% / +10%	-	-
0820037027	-	-10% / +10%	-	-
0820037029	110 V	-	-10% / +10%	-10% / +10%
0820037025	230 V	-	-10% / +10%	-10% / +10%

Part No.	Operational voltage	Voltage tolerance	Voltage tolerance	Voltage tolerance
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
0820037053	24 V	-	-10% / +10%	-10% / +10%
0820037051	-	-10% / +10%	-	-
0820037052	-	-10% / +10%	-	-
0820037054	110 V	-	-10% / +10%	-10% / +10%
0820037050	230 V	-	-10% / +10%	-10% / +10%

Part No.	Power consumption	Holding power	Holding power	Switch-on power
	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz
0820037004	-	1,6 VA	1,4 VA	2,2 VA
0820037002	2 W	-	-	-
0820037003	1 W	-	-	-
0820037005	-	1,6 VA	1,4 VA	2,2 VA
0820037001	-	1,6 VA	1,4 VA	2,2 VA
0820037028	-	1,6 VA	1,4 VA	2,2 VA
0820037026	2 W	-	-	-
0820037027	1 W	-	-	-
0820037029	-	1,6 VA	1,4 VA	2,2 VA
0820037025	-	1,6 VA	1,4 VA	2,2 VA
0820037053	-	1,6 VA	1,4 VA	2,2 VA
0820037051	2 W	-	-	-
0820037052	1 W	-	-	-
0820037054	-	1,6 VA	1,4 VA	2,2 VA
0820037050	-	1,6 VA	1,4 VA	2,2 VA

Part No.	Switch-on power	
	AC 60 Hz	
0820037004	2 VA	-
0820037002	-	-
0820037003	-	1)
0820037005	2 VA	-
0820037001	2 VA	-
0820037028	2 VA	-
0820037026	-	-
0820037027	-	1)
0820037029	2 VA	-
0820037025	2 VA	-
0820037053	2 VA	-
0820037051	-	-
0820037052	-	1)
0820037054	2 VA	-
0820037050	2 VA	-

1) Low power consumption

Technical information

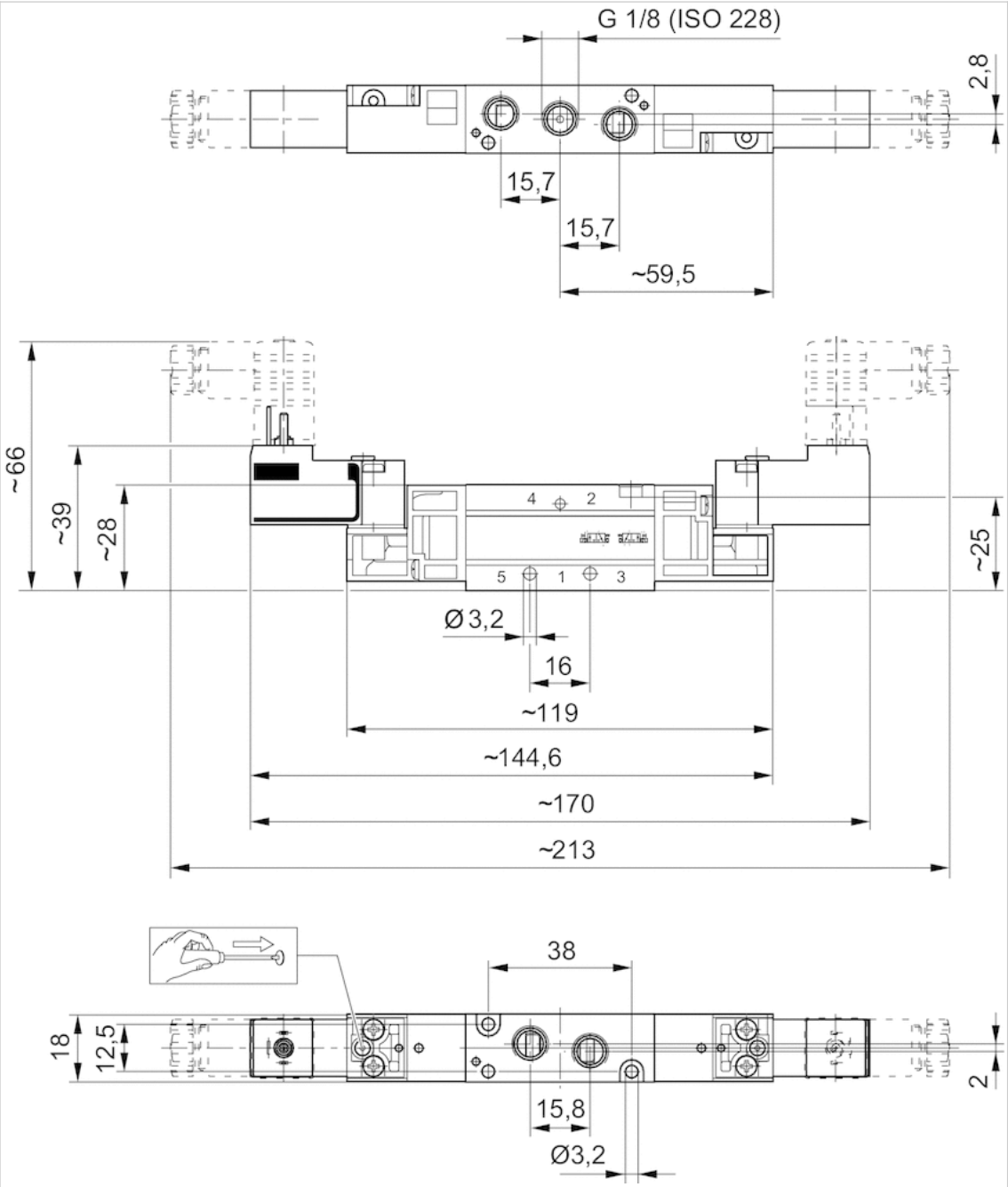
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The oil content of compressed air must remain constant during the life cycle.
Use only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

Technical information

Material	
Housing	Aluminum, anodized
Seals	Hydrogenated acrylonitrile butadiene rubber
Front plate	Polyamide
Threaded bushing	Aluminum

Dimensions

Dimensions



2 x 3/2-directional valve, Series WV02

- Qn = 600 l/min
- Pilot valve width : 15 mm
- Pipe connection
- Compressed air connection output : G 1/8
- Electrical connection : Plug, ISO 15217, form C
- Manual override : with detent
- Pilot : internal



Version	Spool valve, positive overlapping
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	2,2 ... 10 bar
Control pressure min./max.	2,2 ... 10 bar
Ambient temperature min./max.	0 ... 50 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m³
Nominal flow Qn	600 l/min
Connector standard	ISO 15217
Protection class,with connection	IP65
Duty cycle	100 %
Typ. switch-on time	12 ms
Typ. switch-off time	24 ms
Mounting on manifold strip	PRS strip
mounting screws	M3
Weight	0,16 kg

Technical data

Part No.			MO	Compressed air connection
				Input
0820037104		NC/NC		G 1/8
0820037102		NC/NC		G 1/8
0820037103		NC/NC		G 1/8
0820037105		NC/NC		G 1/8
0820037101		NC/NC		G 1/8
0820037128		NO/NO		G 1/8
0820037126		NO/NO		G 1/8
0820037127		NO/NO		G 1/8
0820037129		NO/NO		G 1/8
0820037125		NO/NO		G 1/8
0820037153		NO/NC		G 1/8
0820037151		NO/NC		G 1/8
0820037152		NO/NC		G 1/8
0820037154		NO/NC		G 1/8
0820037150		NO/NC		G 1/8

Part No.	Compressed air connection	Operationalvoltage	Operationalvoltage
	Output	DC	AC 50 Hz
0820037104	G 1/8	-	24 V
0820037102	G 1/8	24 V	-
0820037103	G 1/8	24 V	-
0820037105	G 1/8	-	110 V
0820037101	G 1/8	-	230 V
0820037128	G 1/8	-	24 V
0820037126	G 1/8	24 V	-
0820037127	G 1/8	24 V	-
0820037129	G 1/8	-	110 V
0820037125	G 1/8	-	230 V
0820037153	G 1/8	-	24 V
0820037151	G 1/8	24 V	-
0820037152	G 1/8	24 V	-
0820037154	G 1/8	-	110 V
0820037150	G 1/8	-	230 V

Part No.	Operationalvoltage	Voltage tolerance	Voltage tolerance	Voltage tolerance
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
0820037104	24 V	-	-10% / +10%	-10% / +10%
0820037102	-	-10% / +10%	-	-
0820037103	-	-10% / +10%	-	-
0820037105	110 V	-	-10% / +10%	-10% / +10%
0820037101	230 V	-	-10% / +10%	-10% / +10%
0820037128	24 V	-	-10% / +10%	-10% / +10%
0820037126	-	-10% / +10%	-	-
0820037127	-	-10% / +10%	-	-
0820037129	110 V	-	-10% / +10%	-10% / +10%
0820037125	230 V	-	-10% / +10%	-10% / +10%

Part No.	Operational voltage	Voltage tolerance	Voltage tolerance	Voltage tolerance
	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz
0820037153	24 V	-	-10% / +10%	-10% / +10%
0820037151	-	-10% / +10%	-	-
0820037152	-	-10% / +10%	-	-
0820037154	110 V	-	-10% / +10%	-10% / +10%
0820037150	230 V	-	-10% / +10%	-10% / +10%

Part No.	Power consumption	Holding power	Holding power	Switch-on power
	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz
0820037104	-	1,6 VA	1,4 VA	2,2 VA
0820037102	2 W	-	-	-
0820037103	1 W	-	-	-
0820037105	-	1,6 VA	1,4 VA	2,2 VA
0820037101	-	1,6 VA	1,4 VA	2,2 VA
0820037128	-	1,6 VA	1,4 VA	2,2 VA
0820037126	2 W	-	-	-
0820037127	1 W	-	-	-
0820037129	-	1,6 VA	1,4 VA	2,2 VA
0820037125	-	1,6 VA	1,4 VA	2,2 VA
0820037153	-	1,6 VA	1,4 VA	2,2 VA
0820037151	2 W	-	-	-
0820037152	1 W	-	-	-
0820037154	-	1,6 VA	1,4 VA	2,2 VA
0820037150	-	1,6 VA	1,4 VA	2,2 VA

Part No.	Switch-on power	
	AC 60 Hz	
0820037104	2 VA	-
0820037102	-	-
0820037103	-	1)
0820037105	2 VA	-
0820037101	2 VA	-
0820037128	2 VA	-
0820037126	-	-
0820037127	-	1)
0820037129	2 VA	-
0820037125	2 VA	-
0820037153	2 VA	-
0820037151	-	-
0820037152	-	1)
0820037154	2 VA	-
0820037150	2 VA	-

1) Low power consumption

Technical information

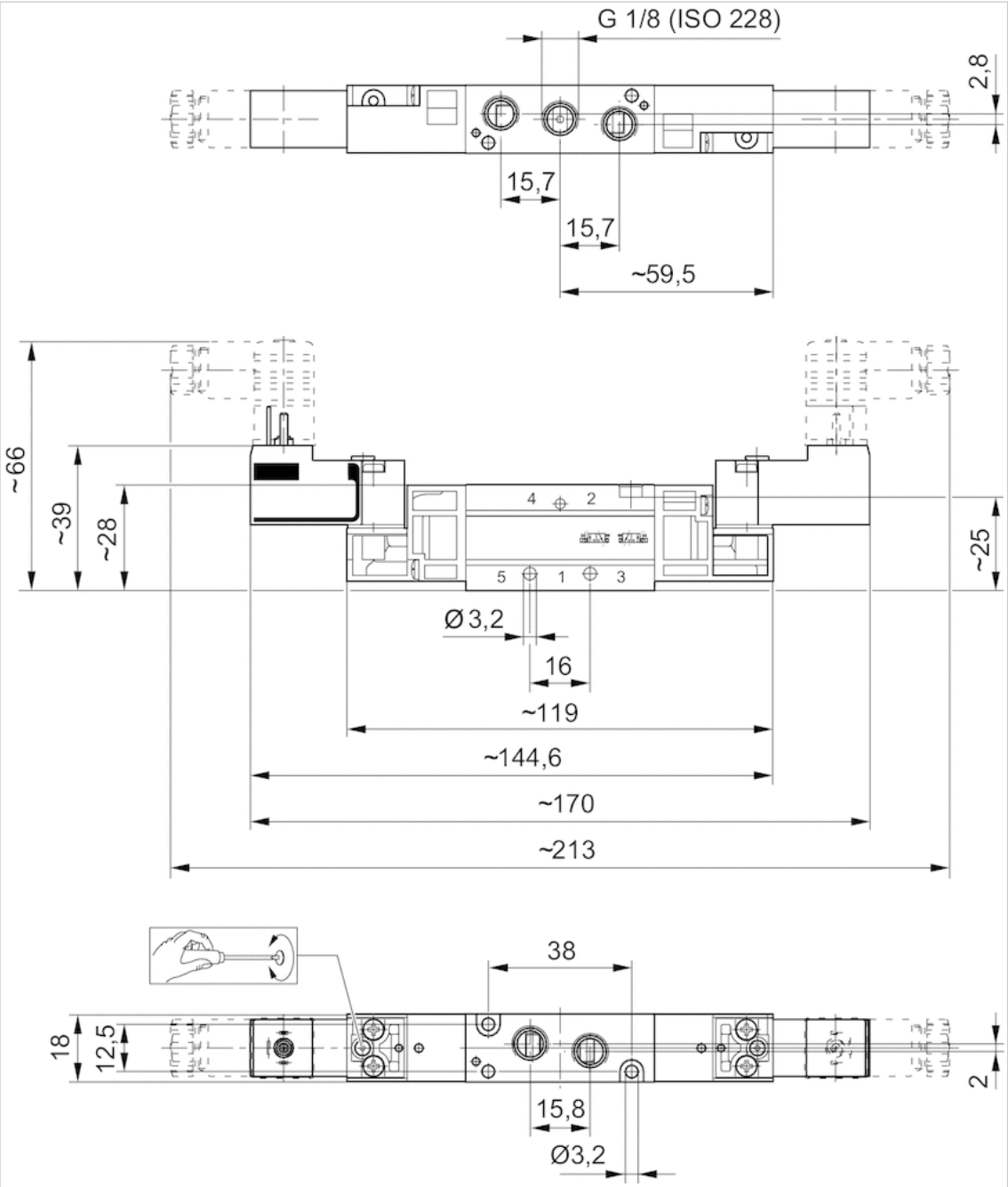
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The oil content of compressed air must remain constant during the life cycle.
Use only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

Technical information

Material	
Housing	Aluminum, anodized
Seals	Hydrogenated acrylonitrile butadiene rubber
Front plate	Polyamide
Threaded bushing	Aluminum

Dimensions

Dimensions



5/2-directional valve, Series WV02

- Qn = 500 l/min
- Pilot valve width : 15 mm
- Pipe connection
- Compressed air connection output : G 1/8
- Electrical connection : Plug, ISO 15217, form C
- Manual override : without detent
- single solenoid, Double solenoid
- with spring/air spring return
- Pilot : internal



Version	Spool valve, positive overlapping
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	See table below
Control pressure min./max.	See table below
Ambient temperature min./max.	0 ... 50 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m³
Nominal flow Qn	500 l/min
Connector standard	ISO 15217
Protection class,with connection	IP65
Duty cycle	100 %
Mounting on manifold strip	PRS strip
mounting screws	M3
Weight	See table below

Technical data

Part No.		MO	Compressed air connection	Compressed air connection
			Input	Output
0820038104			G 1/8	G 1/8
0820038102			G 1/8	G 1/8
0820038103			G 1/8	G 1/8
0820038105			G 1/8	G 1/8
0820038101			G 1/8	G 1/8
0820038604			G 1/8	G 1/8
0820038602			G 1/8	G 1/8
0820038603			G 1/8	G 1/8
0820038605			G 1/8	G 1/8
0820038601			G 1/8	G 1/8

Part No.	Operationalvoltage	Operationalvoltage	Operationalvoltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
0820038104	-	24 V	24 V	-
0820038102	24 V	-	-	-10% / +10%
0820038103	24 V	-	-	-10% / +10%
0820038105	-	110 V	110 V	-
0820038101	-	230 V	230 V	-
0820038604	-	24 V	24 V	-
0820038602	24 V	-	-	-10% / +10%
0820038603	24 V	-	-	-10% / +10%
0820038605	-	110 V	110 V	-
0820038601	-	230 V	230 V	-

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
0820038104	-10% / +10%	-10% / +10%	-	1,6 VA
0820038102	-	-	2 W	-
0820038103	-	-	1 W	-
0820038105	-10% / +10%	-10% / +10%	-	1,6 VA
0820038101	-10% / +10%	-10% / +10%	-	1,6 VA
0820038604	-10% / +10%	-10% / +10%	-	1,6 VA
0820038602	-	-	2 W	-
0820038603	-	-	1 W	-
0820038605	-10% / +10%	-10% / +10%	-	1,6 VA
0820038601	-10% / +10%	-10% / +10%	-	1,6 VA

Part No.	Holding power	Switch-on power	Switch-on power	Working pressure min./max.
	AC 60 Hz	AC 50 Hz	AC 60 Hz	
0820038104	1,4 VA	2,2 VA	2 VA	2 ... 10 bar
0820038102	-	-	-	2 ... 10 bar
0820038103	-	-	-	2 ... 10 bar
0820038105	1,4 VA	2,2 VA	2 VA	2 ... 10 bar
0820038101	1,4 VA	2,2 VA	2 VA	2 ... 10 bar
0820038604	1,4 VA	2,2 VA	2 VA	1,5 ... 10 bar
0820038602	-	-	-	1,5 ... 10 bar

Part No.	Holding power	Switch-on power	Switch-on power	Working pressure min./max.
	AC 60 Hz	AC 50 Hz	AC 60 Hz	
0820038603	-	-	-	1,5 ... 10 bar
0820038605	1,4 VA	2,2 VA	2 VA	1,5 ... 10 bar
0820038601	1,4 VA	2,2 VA	2 VA	1,5 ... 10 bar

Part No.	Control pressure min./max.	Typ. switch-on time	Typ. switch-off time	Weight	
0820038104	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038102	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038103	2 ... 10 bar	12 ms	16 ms	0,11 kg	1)
0820038105	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038101	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038604	1,5 ... 10 bar	8 ms	-	0,16 kg	-
0820038602	1,5 ... 10 bar	8 ms	-	0,16 kg	-
0820038603	1,5 ... 10 bar	10 ms	-	0,16 kg	1)
0820038605	1,5 ... 10 bar	8 ms	-	0,16 kg	-
0820038601	1,5 ... 10 bar	8 ms	-	0,16 kg	-

1) Low power consumption

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.

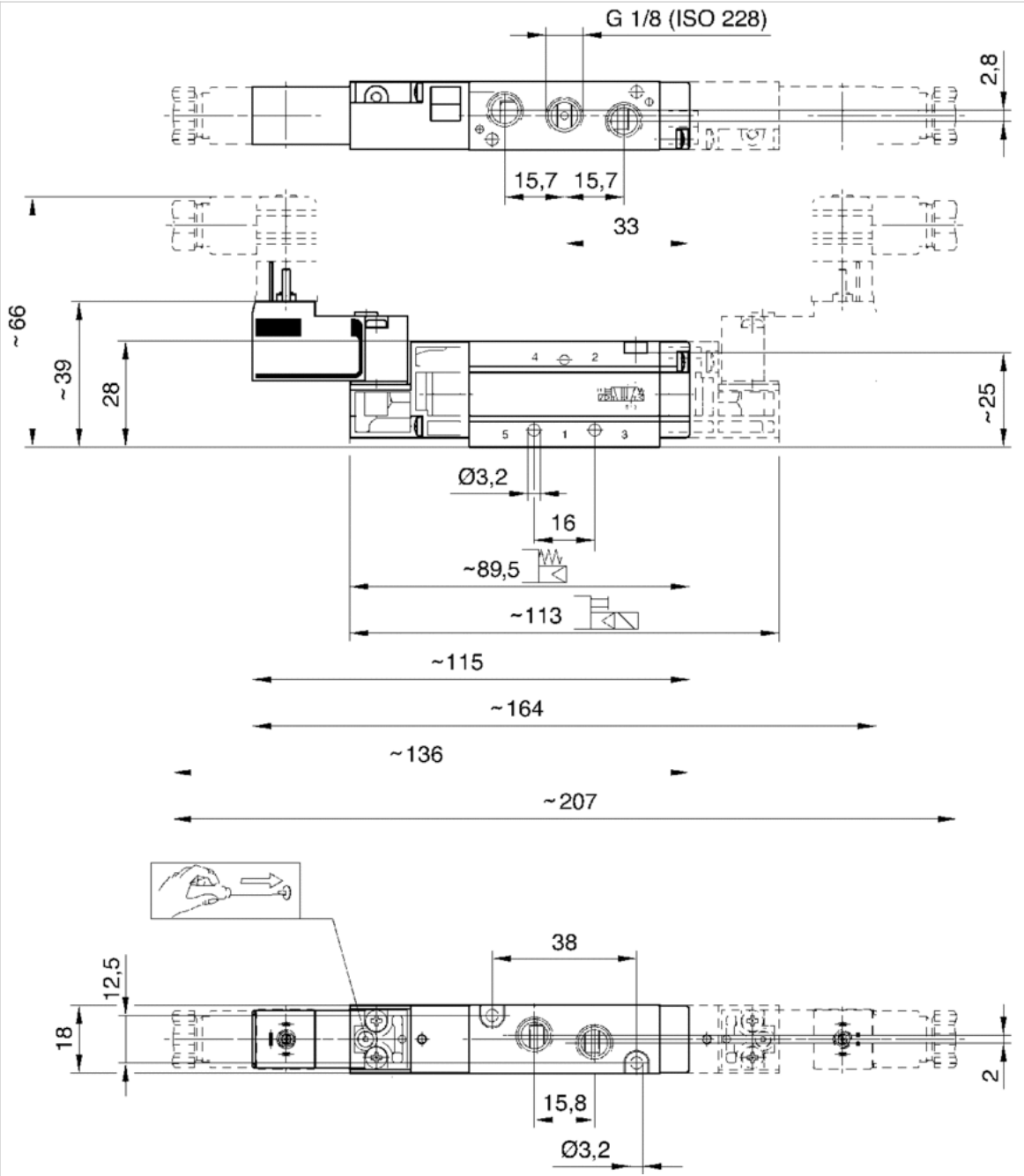
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Housing	Aluminum, anodized
Seals	Hydrogenated acrylonitrile butadiene rubber
Front plate	Polyamide
Threaded bushing	Aluminum

Dimensions

Dimensions



5/2-directional valve, Series WV02

- Qn = 500 l/min
- Pilot valve width : 15 mm
- Pipe connection
- Compressed air connection output : G 1/8
- Electrical connection : Plug, ISO 15217, form C
- Single or double solenoid
- with spring/air spring return
- Pilot : internal



Version	Spool valve, positive overlapping
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	See table below
Control pressure min./max.	See table below
Ambient temperature min./max.	0 ... 50 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m³
Nominal flow Qn	500 l/min
Connector standard	ISO 15217
Protection class,with connection	IP65
Duty cycle	100 %
Mounting on manifold strip	PRS strip
mounting screws	M3
Weight	See table below

Technical data

Part No.		Compressed air connection	Compressed air connection
		Input	Output
0820038951		G 1/8	G 1/8
0820038953		G 1/8	G 1/8

Part No.	Working pressure min./max.	Control pressure min./max.	basic valve with electrical connector
0820038951	2 ... 10 bar	2 ... 10 bar	Basic valve without coil
0820038953	1,5 ... 10 bar	1,5 ... 10 bar	Basic valve without coil

Part No.	Weight
0820038951	0,08 kg
0820038953	0,1 kg

Low power consumption

Technical information

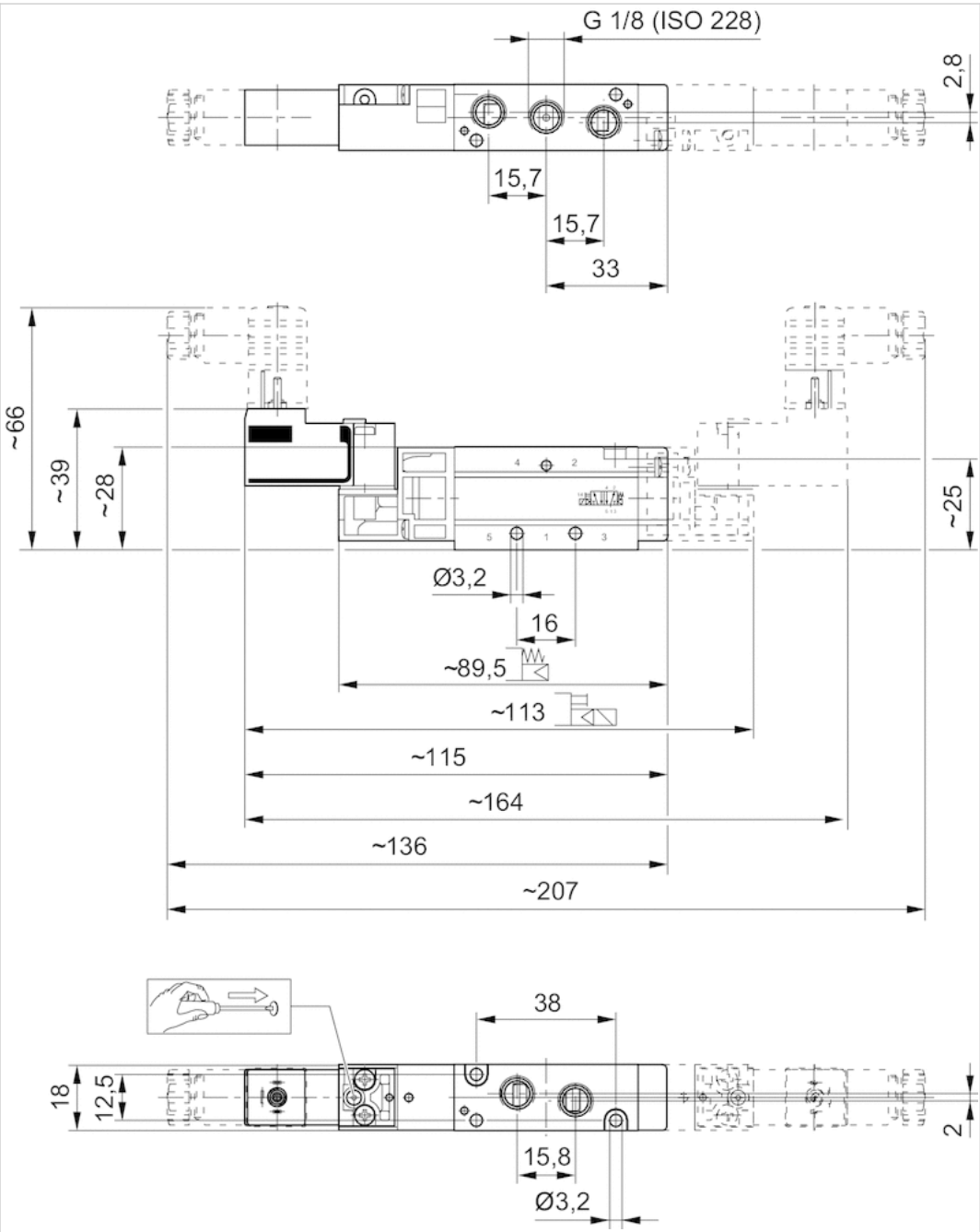
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The oil content of compressed air must remain constant during the life cycle.
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Technical information

Material	
Housing	Aluminum, anodized
Seals	Hydrogenated acrylonitrile butadiene rubber
Front plate	Polyamide
Threaded bushing	Aluminum

Dimensions

Dimensions



5/2-directional valve, Series WV02

- Qn = 500 l/min
- Pilot valve width : 15 mm
- Pipe connection
- Compressed air connection output : G 1/8
- Electrical connection : Plug, ISO 15217, form C
- Manual override : with detent
- single solenoid, Double solenoid
- with spring/air spring return
- Pilot : internal



Version	Spool valve, positive overlapping
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	See table below
Control pressure min./max.	See table below
Ambient temperature min./max.	0 ... 50 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m ³
Nominal flow Qn	500 l/min
Connector standard	ISO 15217
Protection class,with connection	IP65
Duty cycle	100 %
Mounting on manifold strip	PRS strip
mounting screws	M3
Weight	See table below

Technical data

Part No.		MO	Compressed air connection	Compressed air connection
			Input	Output
0820038128			G 1/8	G 1/8
0820038126			G 1/8	G 1/8
0820038127			G 1/8	G 1/8
0820038129			G 1/8	G 1/8
0820038125			G 1/8	G 1/8
0820038628			G 1/8	G 1/8
0820038626			G 1/8	G 1/8
0820038627			G 1/8	G 1/8
0820038629			G 1/8	G 1/8
0820038625			G 1/8	G 1/8

Part No.	Operational voltage	Operational voltage	Operational voltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
0820038128	-	24 V	24 V	-
0820038126	24 V	-	-	-10% / +10%
0820038127	24 V	-	-	-10% / +10%
0820038129	-	110 V	110 V	-
0820038125	-	230 V	230 V	-
0820038628	-	24 V	24 V	-
0820038626	24 V	-	-	-10% / +10%
0820038627	24 V	-	-	-10% / +10%
0820038629	-	110 V	110 V	-
0820038625	-	230 V	230 V	-

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
0820038128	-10% / +10%	-10% / +10%	-	1,6 VA
0820038126	-	-	2 W	-
0820038127	-	-	1 W	-
0820038129	-10% / +10%	-10% / +10%	-	1,6 VA
0820038125	-10% / +10%	-10% / +10%	-	1,6 VA
0820038628	-10% / +10%	-10% / +10%	-	1,6 VA
0820038626	-	-	2 W	-
0820038627	-	-	1 W	-
0820038629	-10% / +10%	-10% / +10%	-	1,6 VA
0820038625	-10% / +10%	-10% / +10%	-	1,6 VA

Part No.	Holding power	Switch-on power	Switch-on power	Working pressure min./max.
	AC 60 Hz	AC 50 Hz	AC 60 Hz	
0820038128	1,4 VA	2,2 VA	2 VA	2 ... 10 bar
0820038126	-	-	-	2 ... 10 bar
0820038127	-	-	-	2 ... 10 bar
0820038129	1,4 VA	2,2 VA	2 VA	2 ... 10 bar
0820038125	1,4 VA	2,2 VA	2 VA	2 ... 10 bar
0820038628	1,4 VA	2,2 VA	2 VA	1,5 ... 10 bar
0820038626	-	-	-	1,5 ... 10 bar

Part No.	Holding power	Switch-on power	Switch-on power	Working pressure min./max.
	AC 60 Hz	AC 50 Hz	AC 60 Hz	
0820038627	-	-	-	1,5 ... 10 bar
0820038629	1,4 VA	2,2 VA	2 VA	1,5 ... 10 bar
0820038625	1,4 VA	2,2 VA	2 VA	1,5 ... 10 bar

Part No.	Control pressure min./max.	Typ. switch-on time	Typ. switch-off time	Weight	
0820038128	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038126	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038127	2 ... 10 bar	12 ms	16 ms	0,11 kg	1)
0820038129	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038125	2 ... 10 bar	11 ms	14 ms	0,11 kg	-
0820038628	1,5 ... 10 bar	8 ms	-	0,16 kg	-
0820038626	1,5 ... 10 bar	8 ms	-	0,16 kg	-
0820038627	1,5 ... 10 bar	10 ms	-	0,16 kg	1)
0820038629	1,5 ... 10 bar	8 ms	-	0,16 kg	-
0820038625	1,5 ... 10 bar	8 ms	-	0,16 kg	-

1) Low power consumption

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.

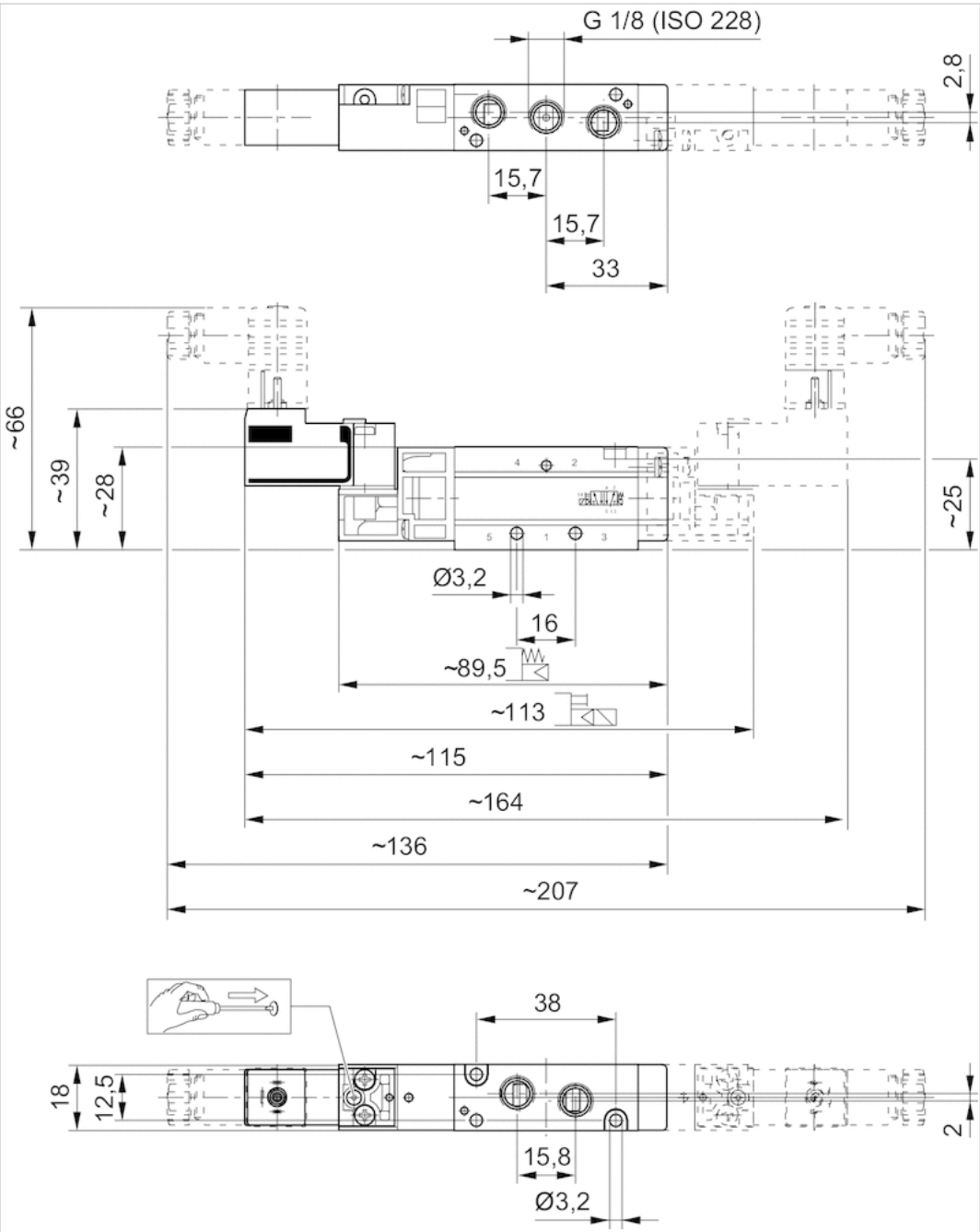
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Housing	Aluminum, anodized
Seals	Hydrogenated acrylonitrile butadiene rubber
Front plate	Polyamide
Threaded bushing	Aluminum

Dimensions

Dimensions



5/3-directional valve, Series WV02

- Qn = 250-400 l/min
- Pilot valve width : 15 mm
- Pipe connection
- Compressed air connection output : G 1/8
- Electrical connection : Plug, ISO 15217, form C
- Manual override : without detent
- Pilot : internal



Version	Spool valve, positive overlapping
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	2,2 ... 10 bar
Control pressure min./max.	2,2 ... 10 bar
Ambient temperature min./max.	0 ... 50 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m³
Nominal flow Qn	See table below
Connector standard	ISO 15217
Protection class,with connection	IP65
Duty cycle	100 %
Mounting on manifold strip	PRS strip
mounting screws	M3
Weight	0,17 kg

Technical data

Part No.		MO	Compressed air connection	
			Input	Output
0820039018			G 1/8	G 1/8
0820039016			G 1/8	G 1/8
0820039017			G 1/8	G 1/8
0820039019			G 1/8	G 1/8
0820039015			G 1/8	G 1/8
0820039033			G 1/8	G 1/8
0820039031			G 1/8	G 1/8
0820039032			G 1/8	G 1/8
0820039034			G 1/8	G 1/8
0820039030			G 1/8	G 1/8
0820039063			G 1/8	G 1/8
0820039061			G 1/8	G 1/8
0820039062			G 1/8	G 1/8
0820039064			G 1/8	G 1/8
0820039060			G 1/8	G 1/8

Part No.	Operationalvoltage	Operationalvoltage	Operationalvoltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
0820039018	-	24 V	24 V	-
0820039016	24 V	-	-	-10% / +10%
0820039017	24 V	-	-	-10% / +10%
0820039019	-	110 V	110 V	-
0820039015	-	230 V	230 V	-
0820039033	-	24 V	24 V	-
0820039031	24 V	-	-	-10% / +10%
0820039032	24 V	-	-	-10% / +10%
0820039034	-	110 V	110 V	-
0820039030	-	230 V	230 V	-
0820039063	-	24 V	24 V	-
0820039061	24 V	-	-	-10% / +10%
0820039062	24 V	-	-	-10% / +10%
0820039064	-	110 V	110 V	-
0820039060	-	230 V	230 V	-

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
0820039018	-10% / +10%	-10% / +10%	-	1,6 VA
0820039016	-	-	2 W	-
0820039017	-	-	1 W	-
0820039019	-10% / +10%	-10% / +10%	-	1,6 VA
0820039015	-10% / +10%	-10% / +10%	-	1,6 VA
0820039033	-10% / +10%	-10% / +10%	-	1,6 VA
0820039031	-	-	2 W	-
0820039032	-	-	1 W	-
0820039034	-10% / +10%	-10% / +10%	-	1,6 VA
0820039030	-10% / +10%	-10% / +10%	-	1,6 VA
0820039063	-10% / +10%	-10% / +10%	-	1,6 VA
0820039061	-	-	2 W	-
0820039062	-	-	1 W	-
0820039064	-10% / +10%	-10% / +10%	-	1,6 VA
0820039060	-10% / +10%	-10% / +10%	-	1,6 VA

Part No.	Holding power	Switch-on power	Switch-on power	Nominal flow Qn	Typ. switch-on time
	AC 60 Hz	AC 50 Hz	AC 60 Hz		
0820039018	1,4 VA	2,2 VA	2 VA	400 l/min	9 ms
0820039016	-	-	-	400 l/min	9 ms
0820039017	-	-	-	400 l/min	11 ms
0820039019	1,4 VA	2,2 VA	2 VA	400 l/min	9 ms
0820039015	1,4 VA	2,2 VA	2 VA	400 l/min	9 ms
0820039033	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms
0820039031	-	-	-	250 l/min	9 ms
0820039032	-	-	-	250 l/min	11 ms
0820039034	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms
0820039030	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms
0820039063	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms
0820039061	-	-	-	250 l/min	9 ms
0820039062	-	-	-	250 l/min	11 ms

Part No.	Holding power	Switch-on power	Switch-on power	Nominal flow Q _n	Typ. switch-on time
	AC 60 Hz	AC 50 Hz	AC 60 Hz		
0820039064	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms
0820039060	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms

Part No.	Typ. switch-off time	
0820039018	20 ms	-
0820039016	20 ms	-
0820039017	23 ms	1)
0820039019	20 ms	-
0820039015	20 ms	-
0820039033	20 ms	-
0820039031	20 ms	-
0820039032	23 ms	1)
0820039034	20 ms	-
0820039030	20 ms	-
0820039063	20 ms	-
0820039061	20 ms	-
0820039062	23 ms	1)
0820039064	20 ms	-
0820039060	20 ms	-

1) Low power consumption

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.

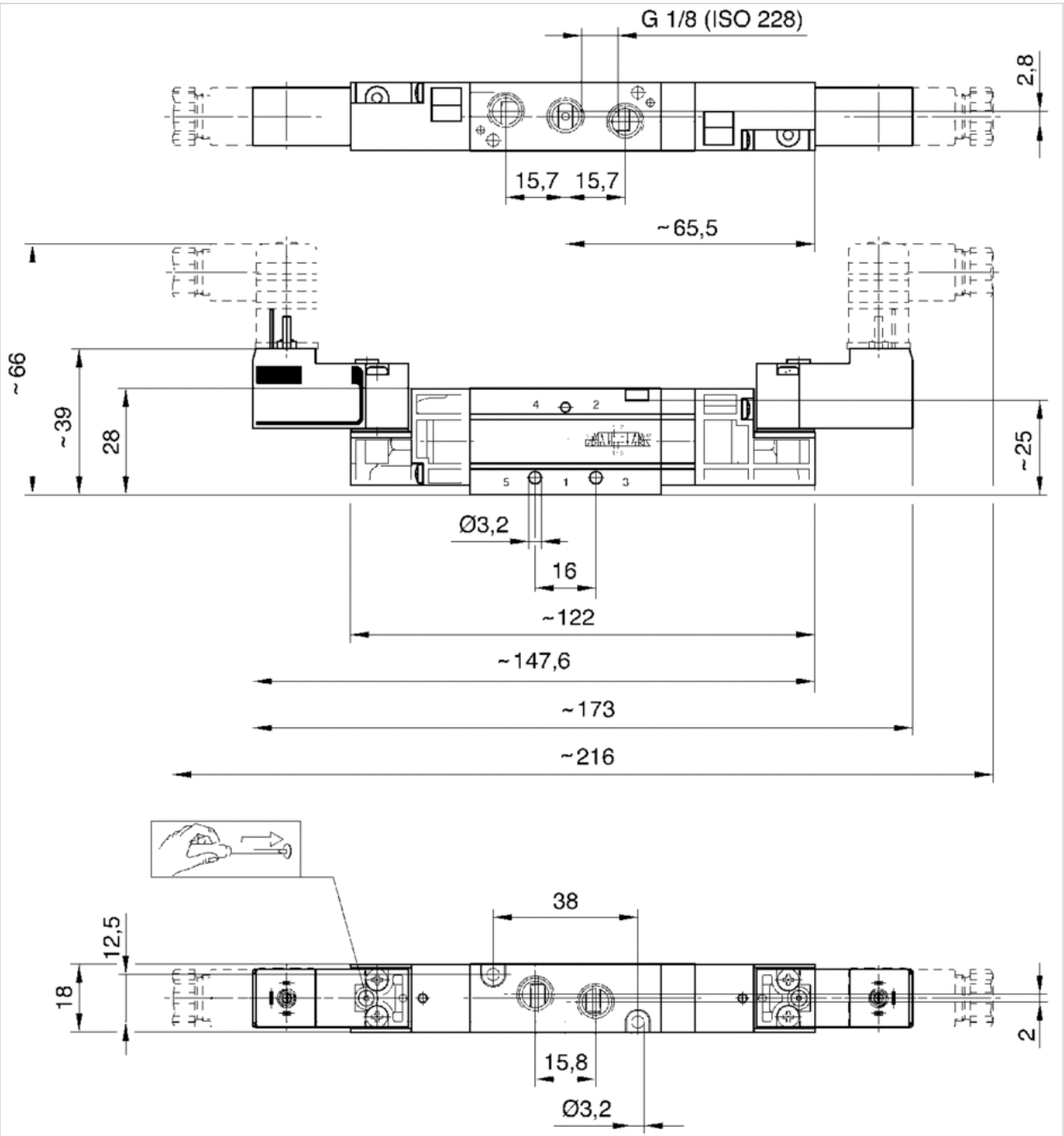
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Housing	Aluminum, anodized
Seals	Hydrogenated acrylonitrile butadiene rubber
Front plate	Polyamide
Threaded bushing	Aluminum

Dimensions

Dimensions



5/3-directional valve, Series WV02

- Qn = 250-400 l/min
- Pilot valve width : 15 mm
- Pipe connection
- Compressed air connection output : G 1/8
- Electrical connection : Plug, ISO 15217, form C
- Manual override : with detent
- Pilot : internal



Version	Spool valve, positive overlapping
Activation	Electrically
Pilot	internal
Sealing principle	Soft sealing
Working pressure min./max.	2,2 ... 10 bar
Control pressure min./max.	2,2 ... 10 bar
Ambient temperature min./max.	0 ... 50 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	0,5 µm
Oil content of compressed air	0 ... 25 mg/m³
Nominal flow Qn	See table below
Connector standard	ISO 15217
Protection class,with connection	IP65
Duty cycle	100 %
Mounting on manifold strip	PRS strip
mounting screws	M3
Weight	0,17 kg

Technical data

Part No.		MO	Compressed air connection	Compressed air connection
			Input	Output
0820039118			G 1/8	G 1/8
0820039116			G 1/8	G 1/8
0820039117			G 1/8	G 1/8
0820039119			G 1/8	G 1/8
0820039115			G 1/8	G 1/8
0820039133			G 1/8	G 1/8
0820039131			G 1/8	G 1/8
0820039132			G 1/8	G 1/8
0820039134			G 1/8	G 1/8
0820039130			G 1/8	G 1/8
0820039163			G 1/8	G 1/8
0820039161			G 1/8	G 1/8
0820039162			G 1/8	G 1/8
0820039164			G 1/8	G 1/8
0820039160			G 1/8	G 1/8

Part No.	Operationalvoltage	Operationalvoltage	Operationalvoltage	Voltage tolerance
	DC	AC 50 Hz	AC 60 Hz	DC
0820039118	-	24 V	24 V	-
0820039116	24 V	-	-	-10% / +10%
0820039117	24 V	-	-	-10% / +10%
0820039119	-	110 V	110 V	-
0820039115	-	230 V	230 V	-
0820039133	-	24 V	24 V	-
0820039131	24 V	-	-	-10% / +10%
0820039132	24 V	-	-	-10% / +10%
0820039134	-	110 V	110 V	-
0820039130	-	230 V	230 V	-
0820039163	-	24 V	24 V	-
0820039161	24 V	-	-	-10% / +10%
0820039162	24 V	-	-	-10% / +10%
0820039164	-	110 V	110 V	-
0820039160	-	230 V	230 V	-

Part No.	Voltage tolerance	Voltage tolerance	Power consumption	Holding power
	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz
0820039118	-10% / +10%	-10% / +10%	-	1,6 VA
0820039116	-	-	2 W	-
0820039117	-	-	1 W	-
0820039119	-10% / +10%	-10% / +10%	-	1,6 VA
0820039115	-10% / +10%	-10% / +10%	-	1,6 VA
0820039133	-10% / +10%	-10% / +10%	-	1,6 VA
0820039131	-	-	2 W	-
0820039132	-	-	1 W	-
0820039134	-10% / +10%	-10% / +10%	-	1,6 VA
0820039130	-10% / +10%	-10% / +10%	-	1,6 VA
0820039163	-10% / +10%	-10% / +10%	-	1,6 VA
0820039161	-	-	2 W	-
0820039162	-	-	1 W	-
0820039164	-10% / +10%	-10% / +10%	-	1,6 VA
0820039160	-10% / +10%	-10% / +10%	-	1,6 VA

Part No.	Holding power	Switch-on power	Switch-on power	Nominal flow Q _n	Typ. switch-on time
	AC 60 Hz	AC 50 Hz	AC 60 Hz		
0820039118	1,4 VA	2,2 VA	2 VA	400 l/min	9 ms
0820039116	-	-	-	400 l/min	9 ms
0820039117	-	-	-	400 l/min	11 ms
0820039119	1,4 VA	2,2 VA	2 VA	400 l/min	9 ms
0820039115	1,4 VA	2,2 VA	2 VA	400 l/min	9 ms
0820039133	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms
0820039131	-	-	-	250 l/min	9 ms
0820039132	-	-	-	250 l/min	11 ms
0820039134	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms
0820039130	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms
0820039163	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms
0820039161	-	-	-	250 l/min	9 ms
0820039162	-	-	-	250 l/min	11 ms

Part No.	Holding power	Switch-on power	Switch-on power	Nominal flow Q _n	Typ. switch-on time
	AC 60 Hz	AC 50 Hz	AC 60 Hz		
0820039164	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms
0820039160	1,4 VA	2,2 VA	2 VA	250 l/min	9 ms

Part No.	Typ. switch-off time	
0820039118	20 ms	-
0820039116	20 ms	-
0820039117	23 ms	1)
0820039119	20 ms	-
0820039115	20 ms	-
0820039133	20 ms	-
0820039131	20 ms	-
0820039132	23 ms	1)
0820039134	20 ms	-
0820039130	20 ms	-
0820039163	20 ms	-
0820039161	20 ms	-
0820039162	23 ms	1)
0820039164	20 ms	-
0820039160	20 ms	-

1) Low power consumption

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.

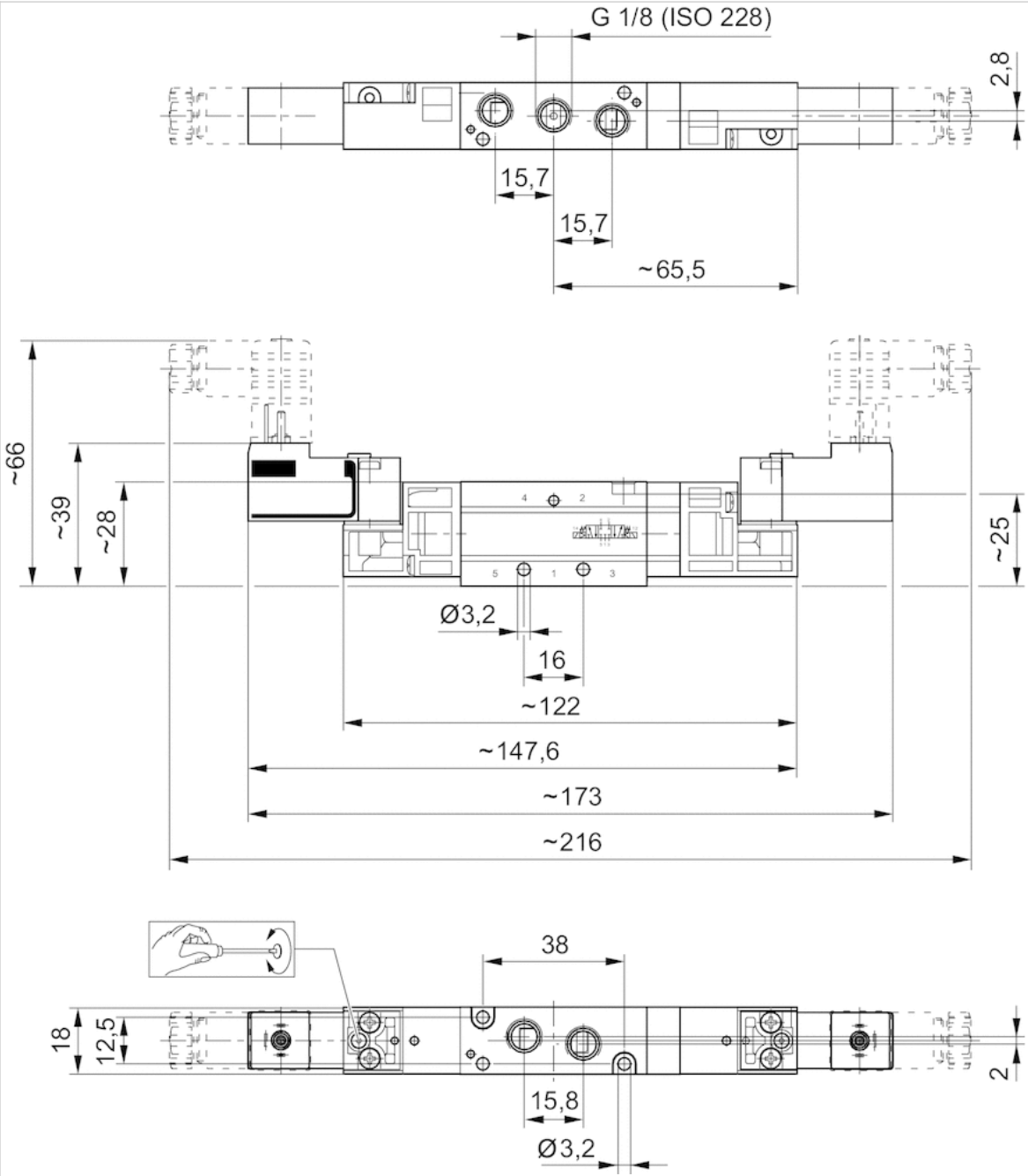
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Housing	Aluminum
Seals	Acrylonitrile butadiene rubber
Front plate	Polyamide
Threaded bushing	Aluminum

Dimensions

Dimensions



5/2-directional valve, Series WV02

- Qn = 500 l/min
- Compressed air connection output G 1/8
- Pipe connection



Version	Spool valve, positive overlapping
Activation	Pneumatically
Pilot	external
Sealing principle	Soft sealing
Flow rate value Qn	500 l/min
Working pressure min./max.	See table below
Control pressure min./max.	See table below
Ambient temperature min./max.	0 ... 80 °C
Medium temperature min./max.	0 ... 80 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m³
Mounting on manifold strip	PRS strip
Mounting screw	M3
Weight	See table below

Technical data

Part No.		Compressed air connection	
		Input	Output
0820238001		G 1/8	G 1/8
0820238002		G 1/8	G 1/8

Part No.	Working pressure min./max.	Control pressure min./max.	Weight	
0820238001	2 ... 10 bar	10 bar	0,08 kg	1)
0820238002	-0,9 ... 10 bar	1,5 ... 10 bar	0,1 kg	-

1) See diagram

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).

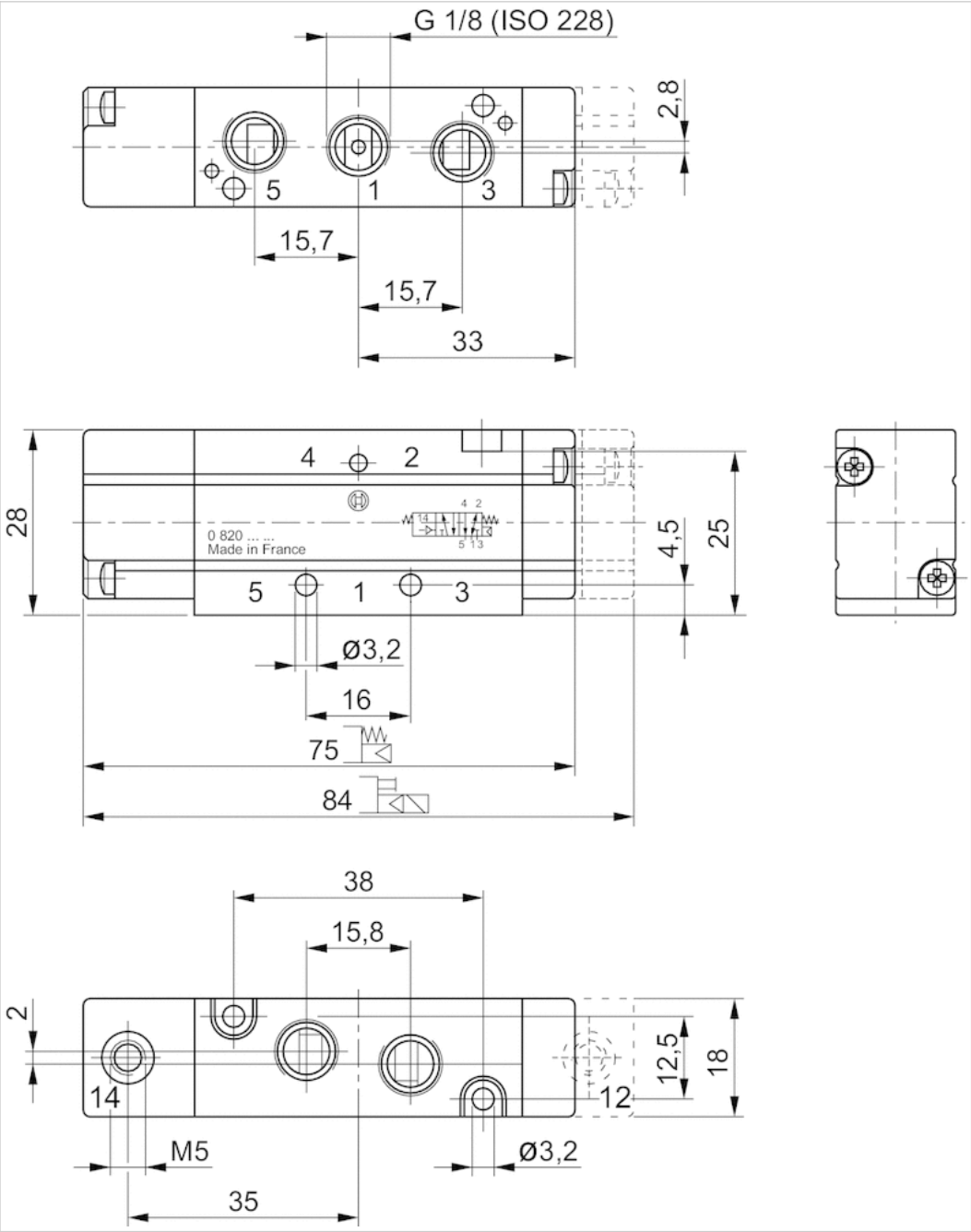
Technical information

Material	
Housing	Aluminum, anodized
Seals	Acrylonitrile butadiene rubber, Hydrogenated nitrile butadiene rubber

Material	
Front plate	Polyamide
Threaded bushing	Aluminum

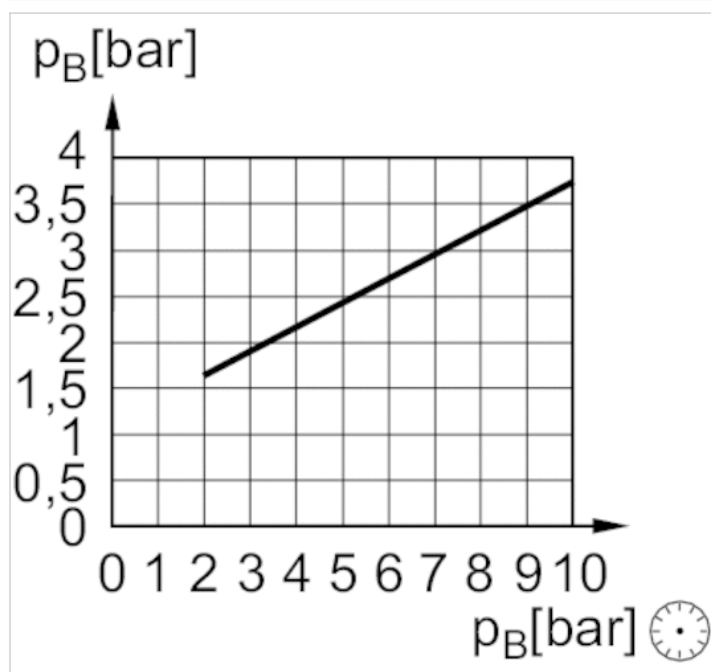
Dimensions

Dimensions



Diagrams

Control pressure



p_e = external control pressure, min.

P = Working pressure

5/3-directional valve, Series WV02

- Qn = 250-400 l/min
- Compressed air connection output G 1/8
- double air pilot
- Pipe connection



Version	Spool valve, positive overlapping
Activation	Pneumatically
Pilot	external
Sealing principle	Soft sealing
Working pressure min./max.	-0,9 ... 10 bar
Control pressure min./max.	2,2 ... 10 bar
Ambient temperature min./max.	0 ... 80 °C
Medium temperature min./max.	0 ... 80 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m³
Mounting on manifold strip	PRS strip
Mounting screw	M3
Weight	0,11 kg

Technical data

Part No.			Compressed air connection
			Input
0820239001		closed center	G 1/8
0820239002		exhausted center	G 1/8
0820239003		pressurized center	G 1/8

Part No.	Compressed air connection	Flow
	Output	Qn
0820239001	G 1/8	400 l/min
0820239002	G 1/8	250 l/min
0820239003	G 1/8	250 l/min

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).

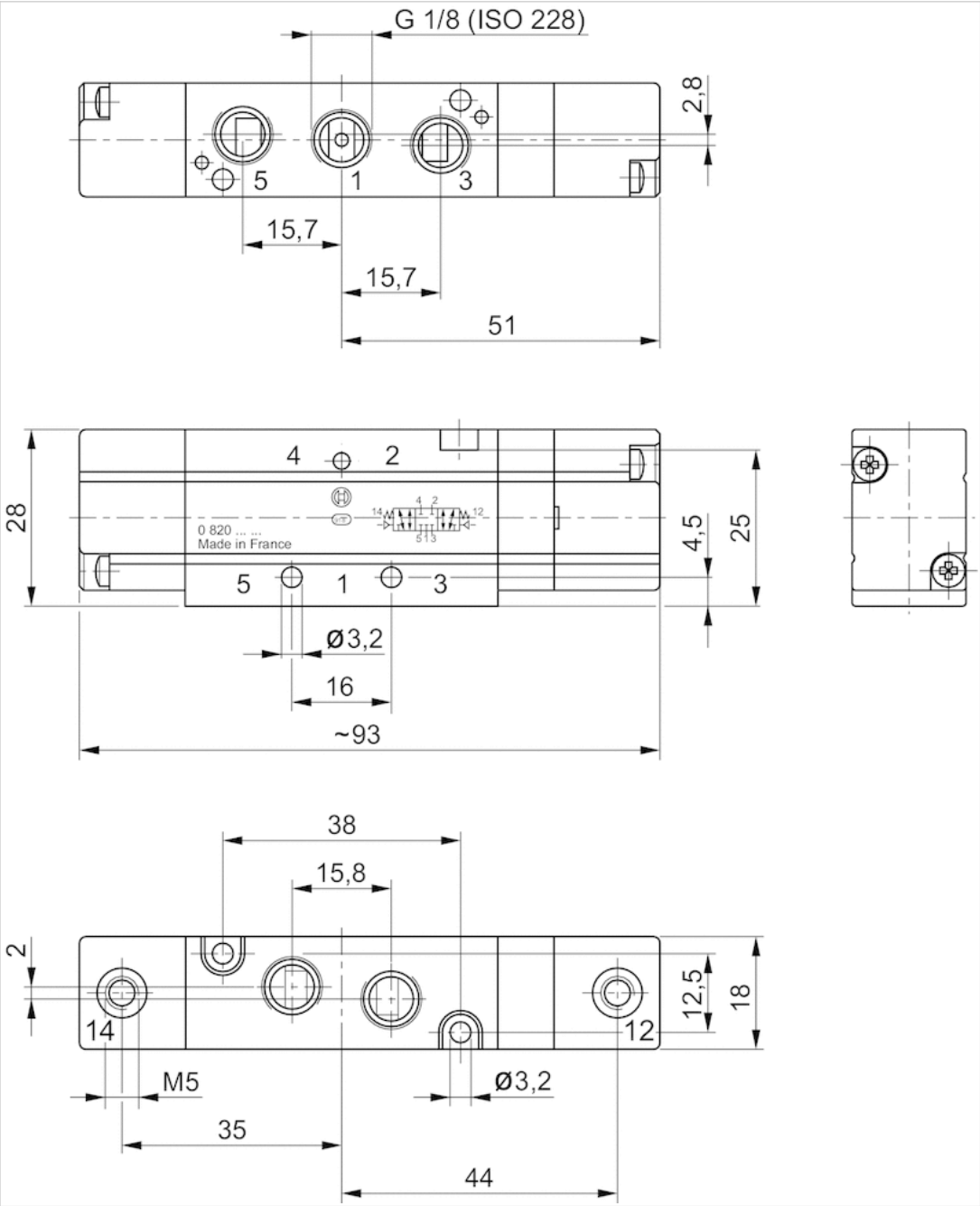
Technical information

Material	
Housing	Aluminum, anodized
Seals	Acrylonitrile butadiene rubber, Hydrogenated nitrile butadiene rubber

Material	
Front plate	Polyamide
Threaded bushing	Aluminum

Dimensions

Dimensions



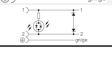
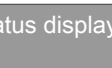
Valve plug connector, series CON-VP

- Socket, form C, 2+E, angled, 90°
- ISO 15217
- unshielded
- with LED Green



Connection type	Screws
Ambient temperature min./max.	-40 ... 90 °C
Operational voltage	See table below
Protection class	IP65
Mounting screw tightening torque	0,4 Nm
Weight	See table below

Technical data

Part No.		Operational voltage	Max. current	Protective circuit	Contact assignment
1834484187		250 / 300 V, AC/DC	6 A	-	2+E
8941012202		250 / 300 V, AC/DC	6 A	-	2+E
4402050330		24 V, AC/DC	-	Z-diode	2+E

Part No.	LED status display	suitable cable-Ø min./max	Seal	Weight
1834484187	-	4 / 8 mm	caoutchouc/butadiene caoutchouc	0,012 kg
8941012202	-	4 / 8 mm	-	0,012 kg
4402050330	Green	-	-	0,014 kg

Part No.	Fig.	
1834484187	Fig. 1	-
8941012202	Fig. 2	-
4402050330	Fig. 3	1)

1)

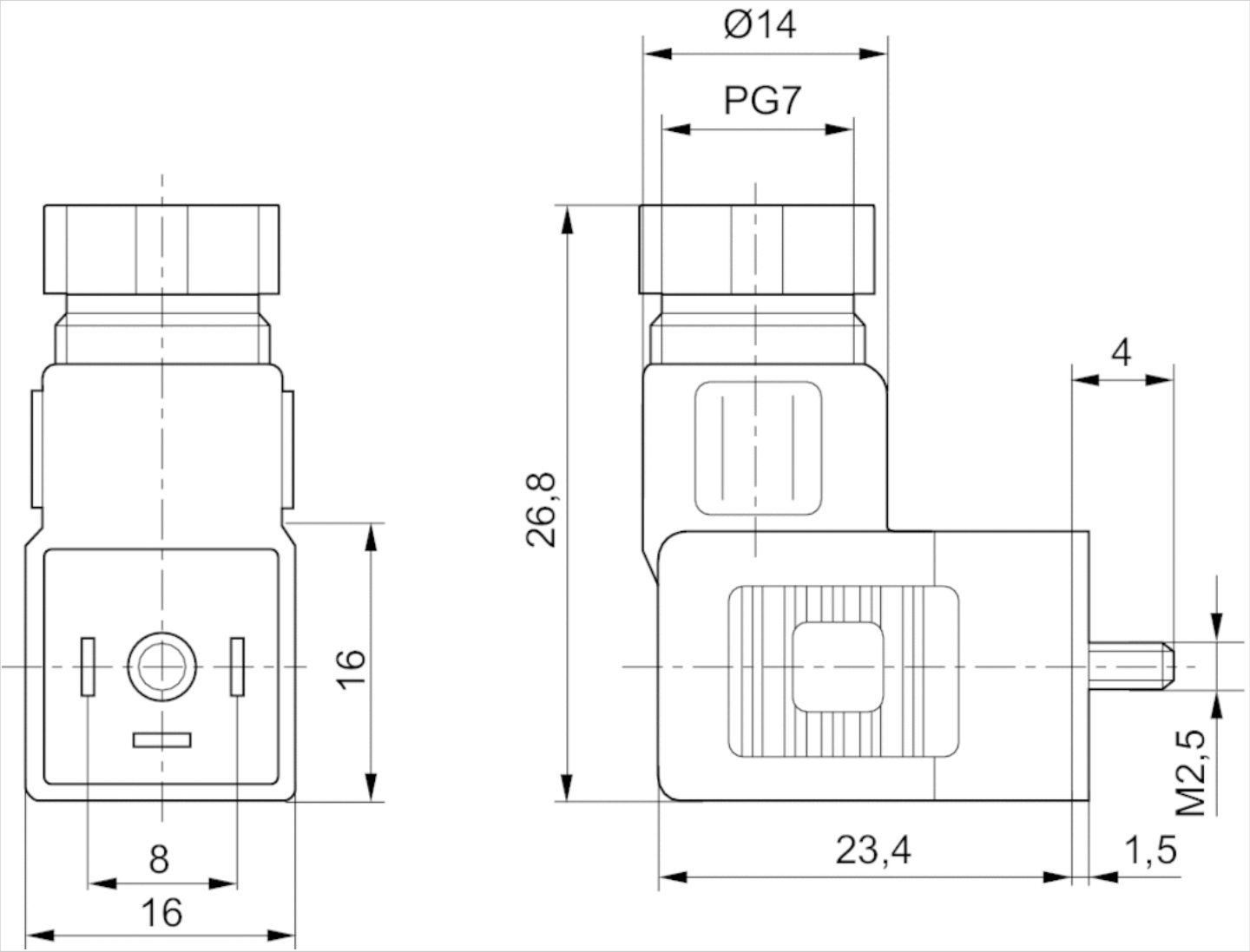
Technical information

The specified protection class is only valid in assembled and tested state.

Technical information

Material	
Seals	caoutchouc/butadiene caoutchouc

Fig. 3



Dimensions

Fig. 1

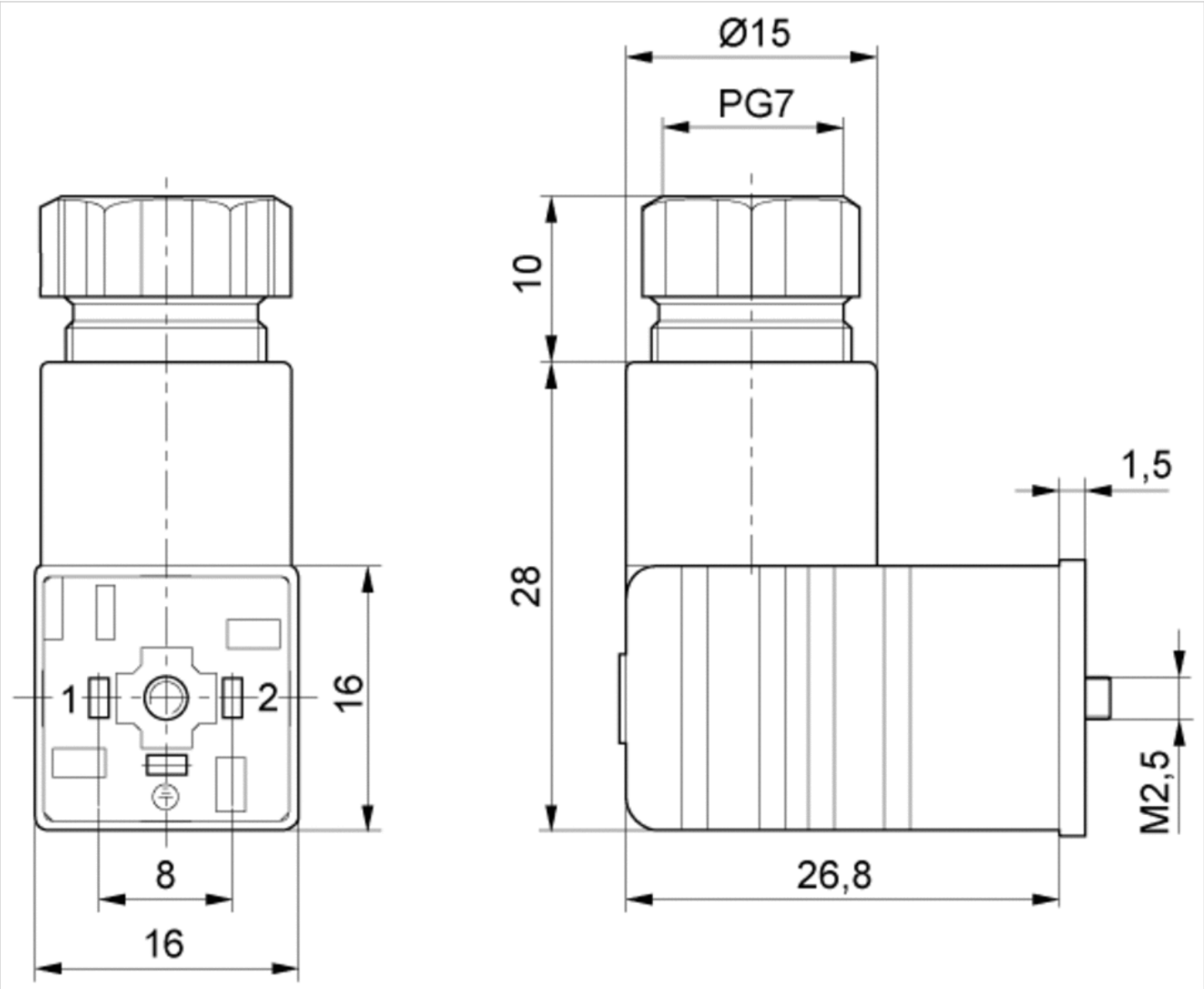
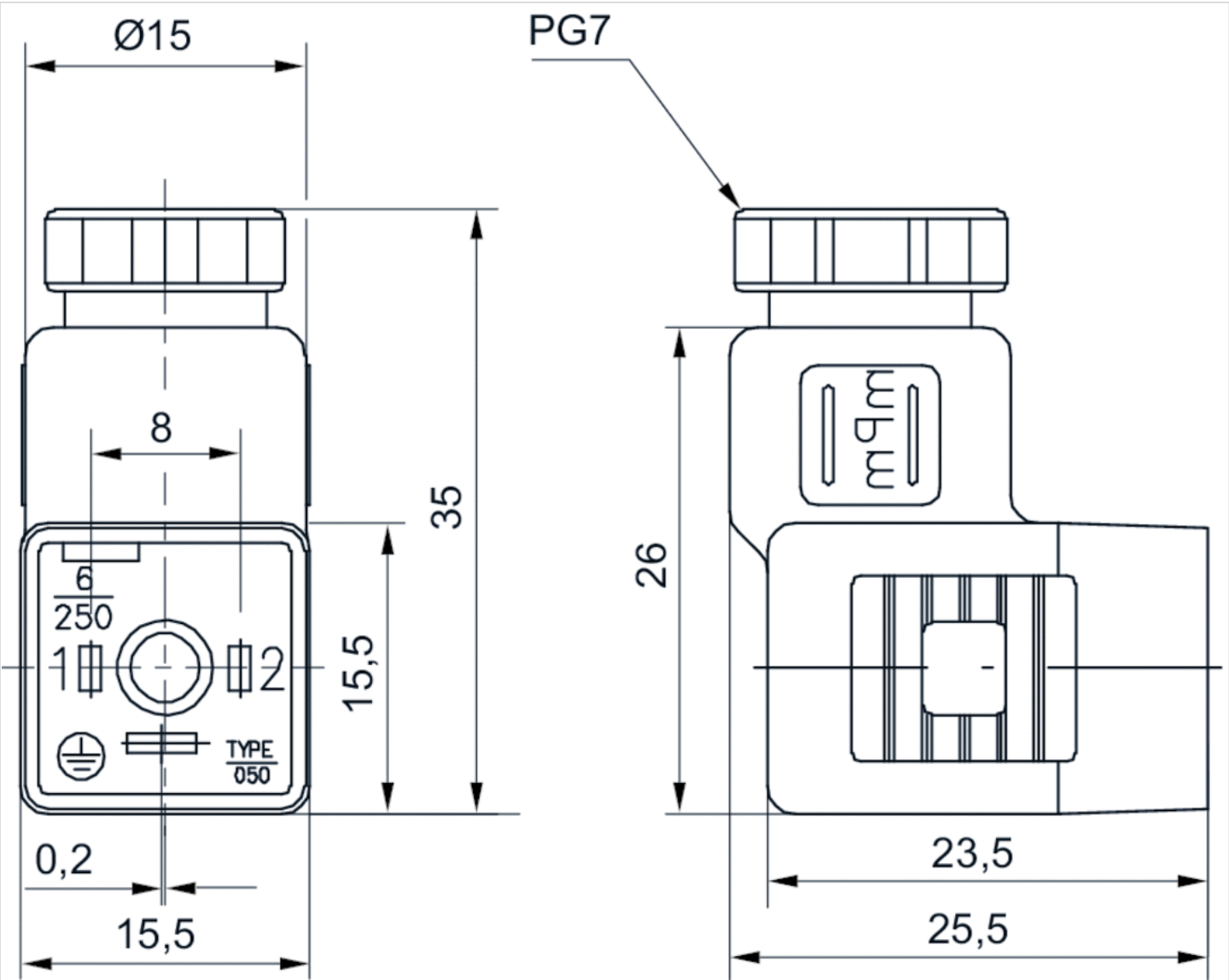
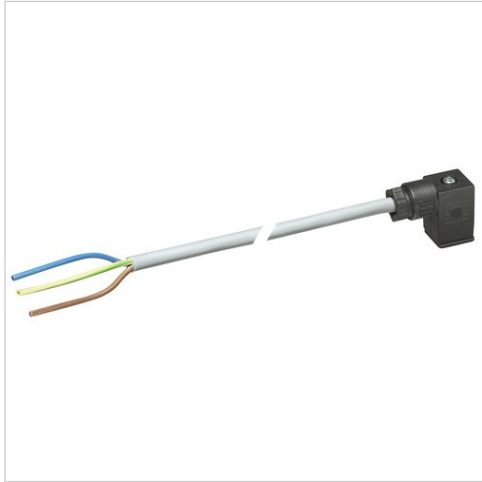


Fig. 2



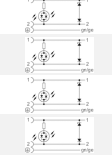
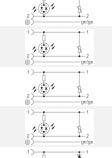
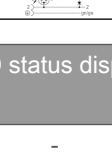
Valve plug connector, series CON-VP

- Socket, form C, 2+E, angled, 90°
- open cable ends, 3-pin
- with cable
- unshielded



Ambient temperature min./max.	-20 ... 80 °C
Operational voltage	See table below
Protection class	IP67
Wire cross-section	0,75 mm ²
Mounting screw tightening torque	0,4 Nm
Weight	See table below

Technical data

Part No.		Operational voltage	Max. current	Protective circuit	Contact assignment
1834484212		230 V, AC/DC	6 A	-	2+E
1834484213		230 V, AC/DC	6 A	-	2+E
1834484214		230 V, AC/DC	6 A	-	2+E
1834484215		230 V, AC/DC	6 A	-	2+E
1834484204		24 V, AC/DC	6 A	Z-diode	2+E
1834484205		24 V, AC/DC	6 A	Z-diode	2+E
1834484206		24 V, AC/DC	6 A	Z-diode	2+E
1834484207		24 V, AC/DC	6 A	Z-diode	2+E
1834484208		230 V, AC/DC	6 A	Varistor	2+E
1834484209		230 V, AC/DC	6 A	Varistor	2+E
1834484210		230 V, AC/DC	6 A	Varistor	2+E
1834484211		230 V, AC/DC	6 A	Varistor	2+E
1834484236		24 V, AC/DC	6 A	Z-diode	2+E

Part No.	LED status display	Number of wires	Cable-Ø	Cable length	Weight	Fig.	
1834484212	-	3	5,9 mm	3 m	0,183 kg	Fig. 1	-
1834484213	-	3	5,9 mm	3 m	0,183 kg	Fig. 2	-
1834484214	-	3	5,9 mm	5 m	0,308 kg	Fig. 1	-
1834484215	-	3	5,9 mm	5 m	0,308 kg	Fig. 2	-
1834484204	Yellow	3	5,9 mm	3 m	0,185 kg	Fig. 1	1)
1834484205	Yellow	3	5,9 mm	3 m	0,185 kg	Fig. 2	1)
1834484206	Yellow	3	5,9 mm	5 m	0,292 kg	Fig. 1	1)
1834484207	Yellow	3	5,9 mm	5 m	0,298 kg	Fig. 2	1)
1834484208	Yellow	3	5,9 mm	3 m	0,171 kg	Fig. 1	1)
1834484209	Yellow	3	5,9 mm	3 m	0,194 kg	Fig. 2	1)
1834484210	Yellow	3	5,9 mm	5 m	0,297 kg	Fig. 1	1)

Part No.	LED status display	Number of wires	Cable-Ø	Cable length	Weight	Fig.	
1834484211	Yellow	3	5,9 mm	5 m	0,285 kg	Fig. 2	1)
1834484236	Yellow	3	5,9 mm	10 m	0,571 kg	Fig. 2	1)

1) Scope of delivery incl. flat gasket

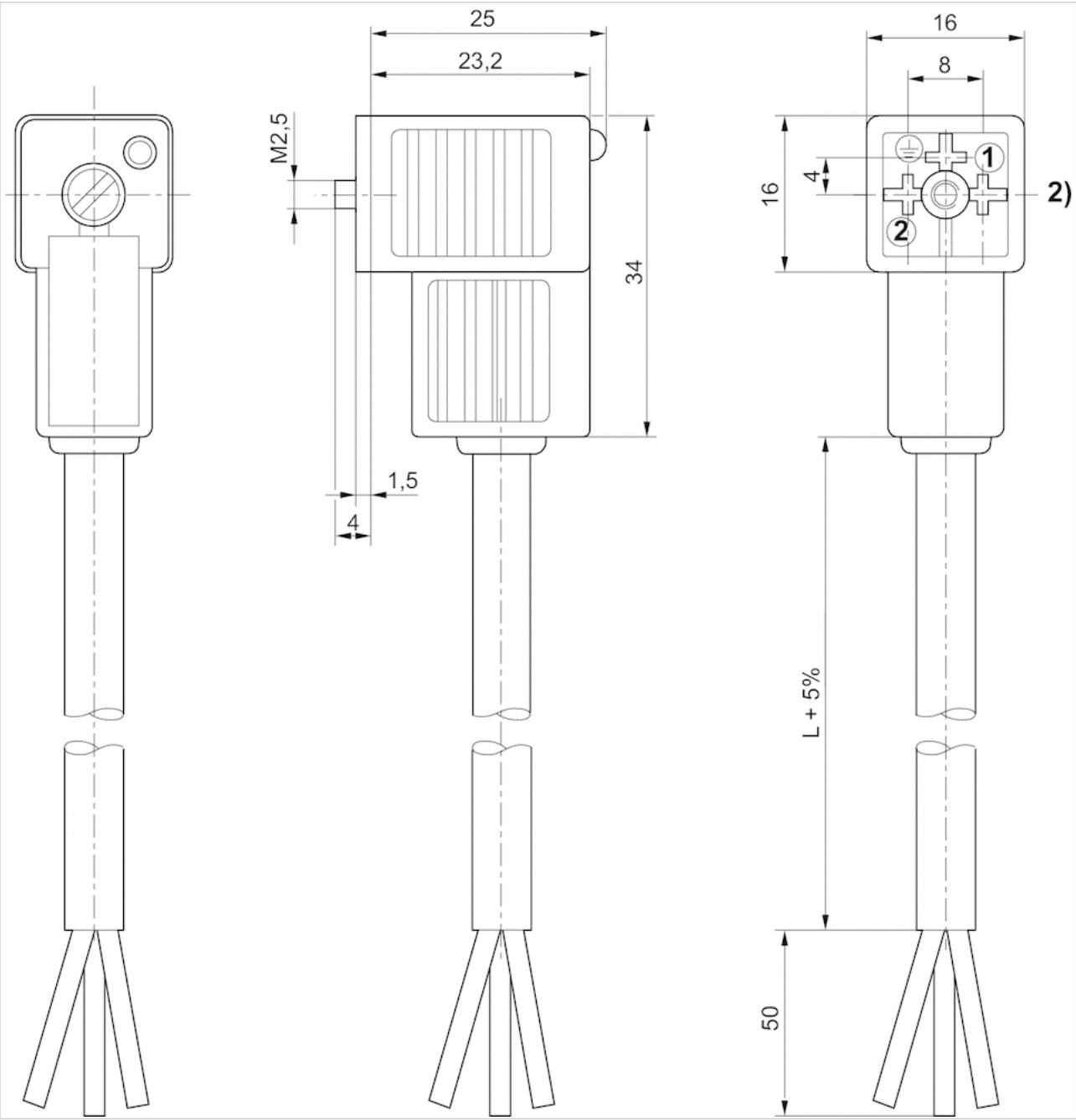
Technical information

The specified protection class is only valid in assembled and tested state.

Technical information

Material	
Seals	caoutchouc/butadiene caoutchouc
Cable sheath	Polyvinyl chloride

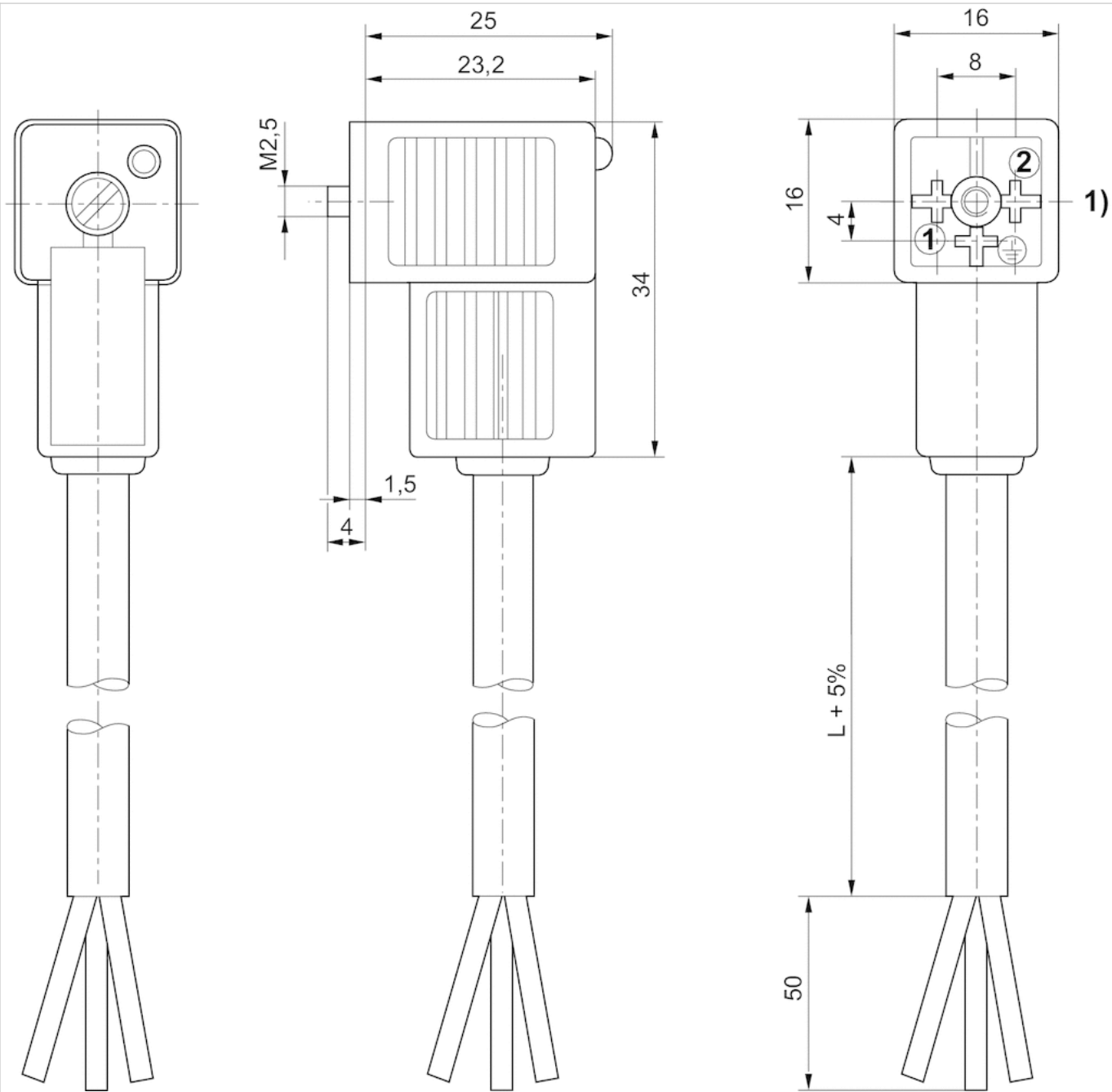
Fig. 2



2) 180° female insert

Dimensions

Fig. 1



1) 0° female insert

3/2-directional valve, Series DO16

- Plate connection
- Electrical connection : Plug, ISO 15217, form C
- Manual override : without detent, with detent
- With spring return



Version	Poppet valve
Activation	Electrically
Sealing principle	Soft sealing
Working pressure min./max.	See table below
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m³
Nominal flow 1 ► 2	See table below
Nominal flow 2 ► 3	See table below
Protection class acc. to DIN EN 61140, Electrically	Class I
Protection class, with connection	IP65
Duty cycle	100 %
Mounting on manifold strip	PRS strip
mounting screws	M3
Weight	0,035 kg

Technical data

Part No.		MO	Operational voltage	Operational voltage	Operational voltage
			DC	AC 50 Hz	AC 60 Hz
0820048002			24 V	-	-
0820048004			-	24 V	-
0820048005			-	-	110 V
0820048001			-	230 V	-
0820048026			24 V	-	-
0820048028			-	24 V	-
0820048101			-	230 V	-
0820048029			-	-	110 V
0820048025			-	230 V	-
0820048102			24 V	-	-
0820048126			24 V	-	-

Part No.	Voltage tolerance	Voltage tolerance	Voltage tolerance	Power consumption
	DC	AC 50 Hz	AC 60 Hz	DC
0820048002	-10% / +15%	-	-	2 W
0820048004	-	-10% / +15%	-	-
0820048005	-	-	-10% / +15%	-
0820048001	-	-10% / +15%	-	-
0820048026	-10% / +15%	-	-	2 W
0820048028	-	-10% / +15%	-	-
0820048101	-	-10% / +15%	-	-

Part No.	Voltage tolerance	Voltage tolerance	Voltage tolerance	Power consumption
	DC	AC 50 Hz	AC 60 Hz	DC
0820048029	-	-	-10% / +15%	-
0820048025	-	-10% / +15%	-	-
0820048102	-10% / +15%	-	-	2 W
0820048126	-10% / +15%	-	-	2 W

Part No.	Holding power	Holding power	Switch-on power	Switch-on power	Nominal flow 1 ► 2
	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz	
0820048002	-	-	-	-	25 l/min
0820048004	1,6 VA	-	2,2 VA	-	25 l/min
0820048005	-	1,4 VA	-	2 VA	25 l/min
0820048001	1,6 VA	-	2,2 VA	-	25 l/min
0820048026	-	-	-	-	25 l/min
0820048028	1,6 VA	-	2,2 VA	-	25 l/min
0820048101	1,6 VA	-	2,2 VA	-	16 l/min
0820048029	-	1,4 VA	-	2 VA	25 l/min
0820048025	1,6 VA	-	2,2 VA	-	25 l/min
0820048102	-	-	-	-	20 l/min
0820048126	-	-	-	-	20 l/min

Part No.	Nominal flow 2 ► 3	Working pressure min./max.
0820048002	36 l/min	0 ... 10 bar
0820048004	36 l/min	0 ... 10 bar
0820048005	36 l/min	0 ... 10 bar
0820048001	36 l/min	0 ... 10 bar
0820048026	36 l/min	0 ... 10 bar
0820048028	36 l/min	0 ... 10 bar
0820048101	19 l/min	0 ... 6 bar
0820048029	36 l/min	0 ... 10 bar
0820048025	36 l/min	0 ... 10 bar
0820048102	26 l/min	0 ... 8 bar
0820048126	26 l/min	0 ... 8 bar

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.

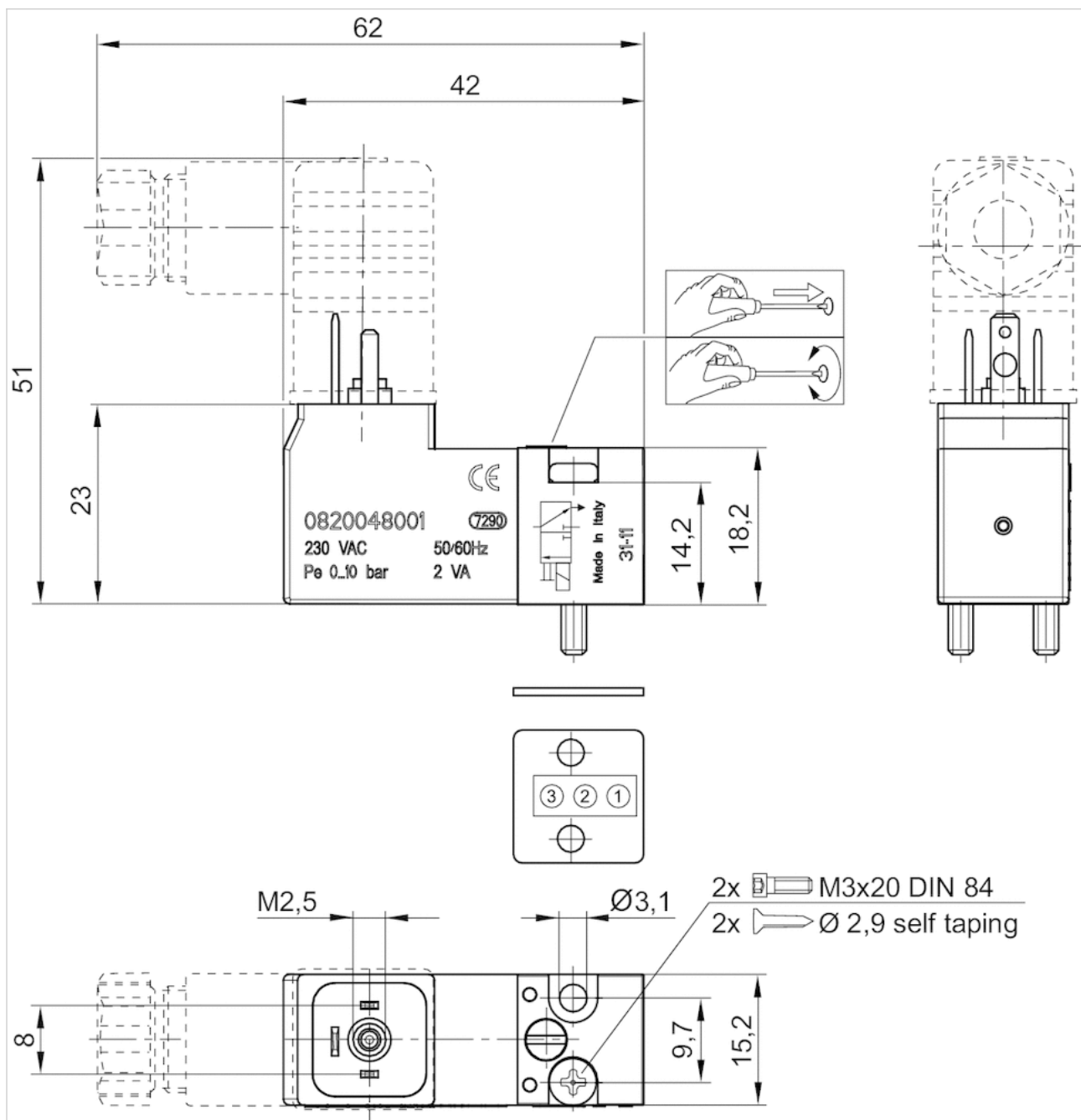
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Housing	polyphenylene sulfide, Polyamide, fiber-glass reinforced
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions



Silencers, series SI1

- Sintered bronze



Working pressure min./max.

0 ... 10 bar

Ambient temperature min./max.

-25 ... 80 °C

Medium

Compressed air

Sound pressure level

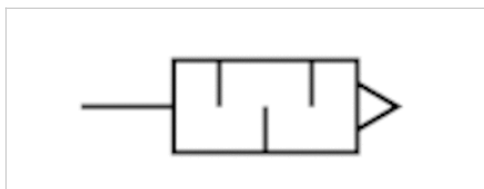
See table below

Weight

See table below

Comment

Flow characteristic curves can be found under "Diagrams".



Technical data

Part No.	Compressed air connection	Sound pressure level	Flow	Delivery unit	Weight
			Qn		
1827000000	G 1/8	75 dB	1623 l/min	10 piece	0,01 kg
R412004817	G 1/4	-	5950 l/min	10 piece	0,013 kg
1827000001	G 1/4	79 dB	3390 l/min	10 piece	0,02 kg

Weight per piece

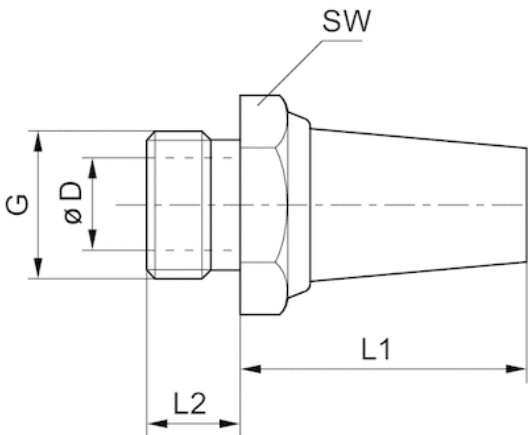
Nominal flow Qn at p1 = 6 bar (absolute) freely discharged. Sound pressure level measured at 6 bar against atmosphere at 1 m distance.

Technical information

Material	
Silencers	Sintered bronze
Thread	Brass

Dimensions

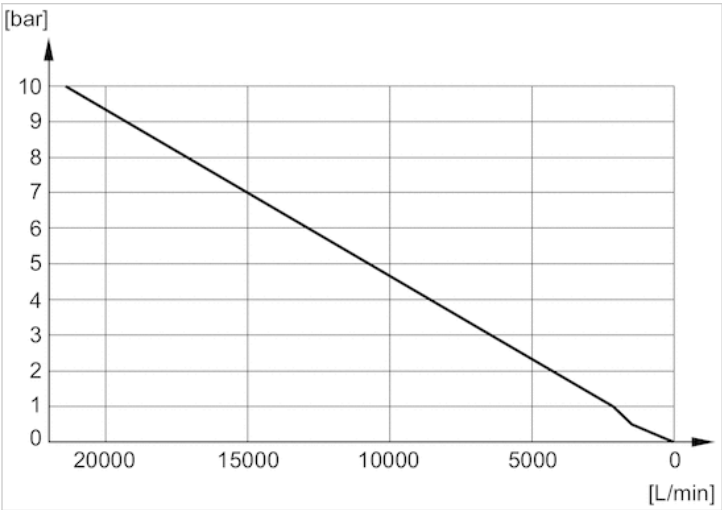
Dimensions



Dimensions

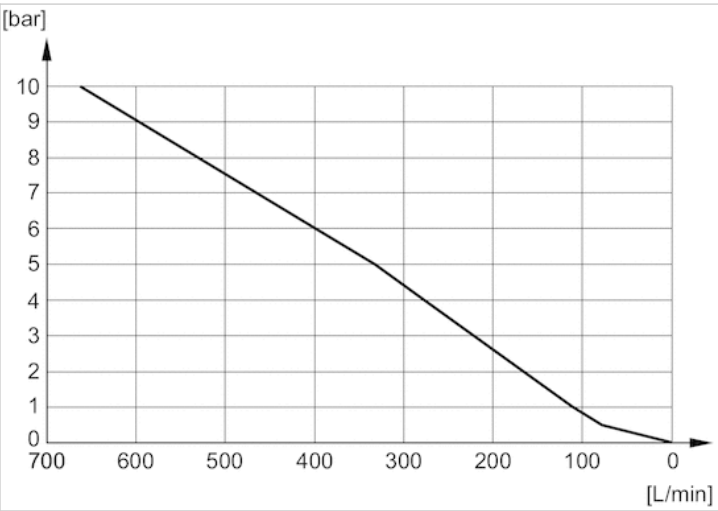
Part No.	Port G	SW	Ø D	L1	L2
1827000000	G 1/8	13	6	18	6
R412004817	G 1/4	16	8.5	18.7	7.6
1827000001	G 1/4	17	8.5	25	8

Flow diagram 1827000005

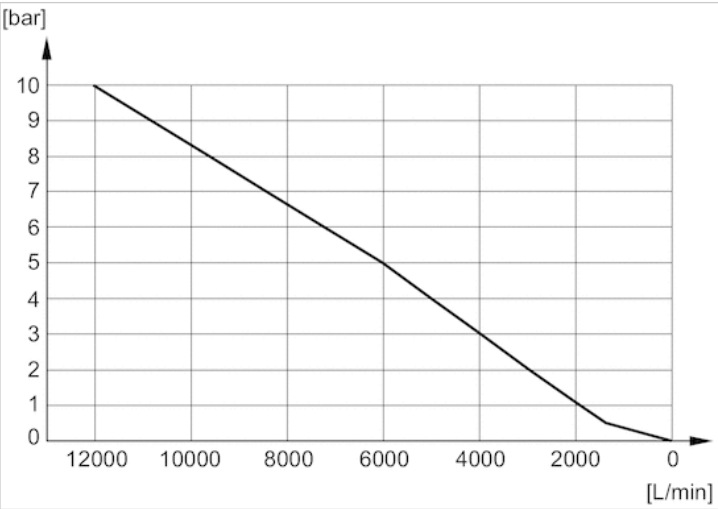


Diagrams

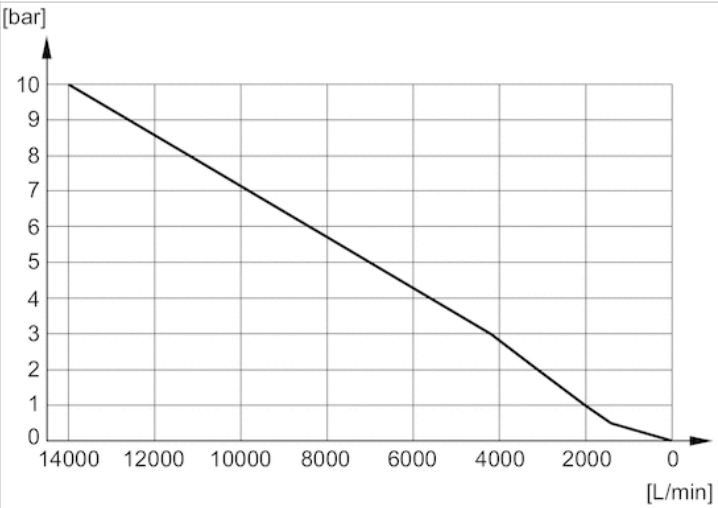
Flow diagram 1827000006



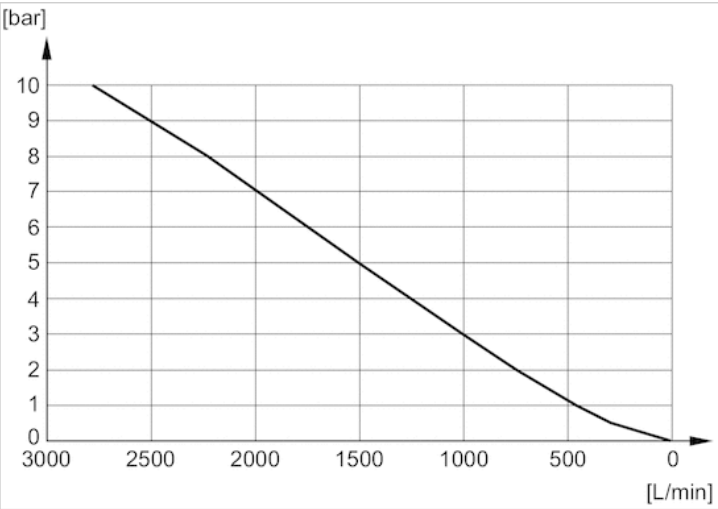
Flow diagram 1827000003



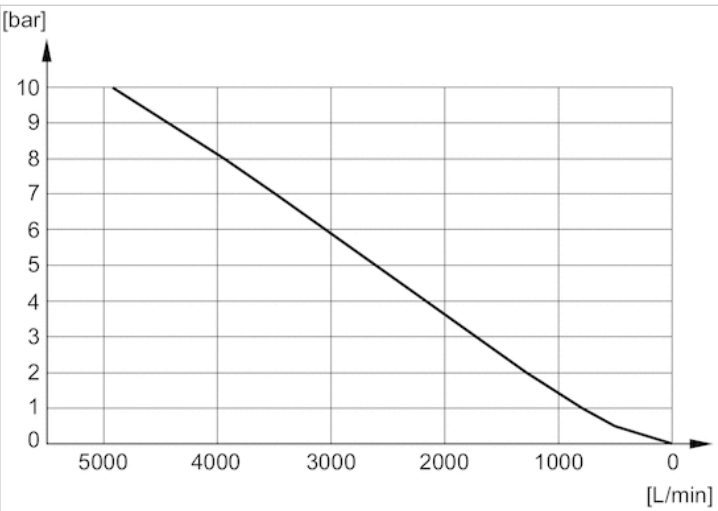
Flow diagram 1827000004



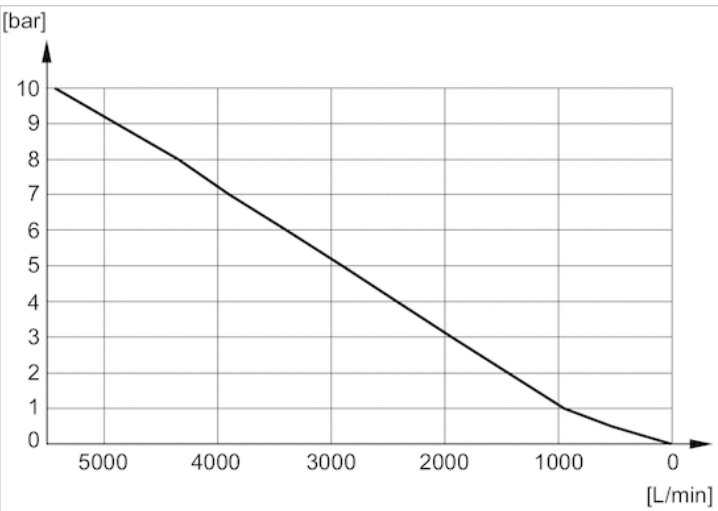
Flow diagram 5324001110



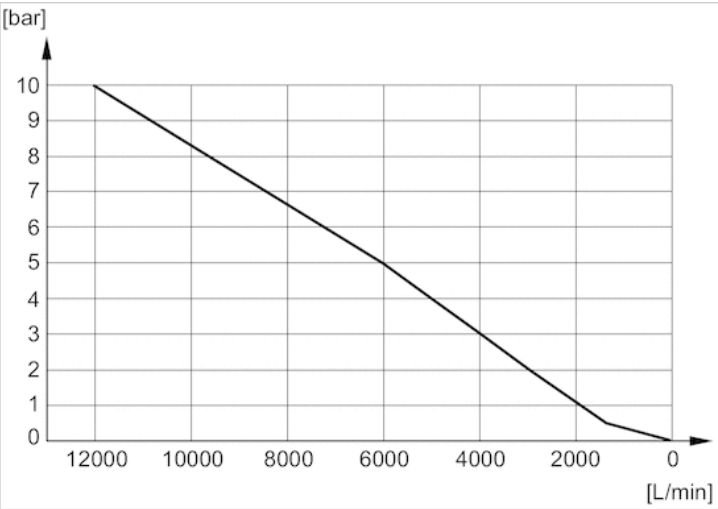
Flow diagram 5324001170



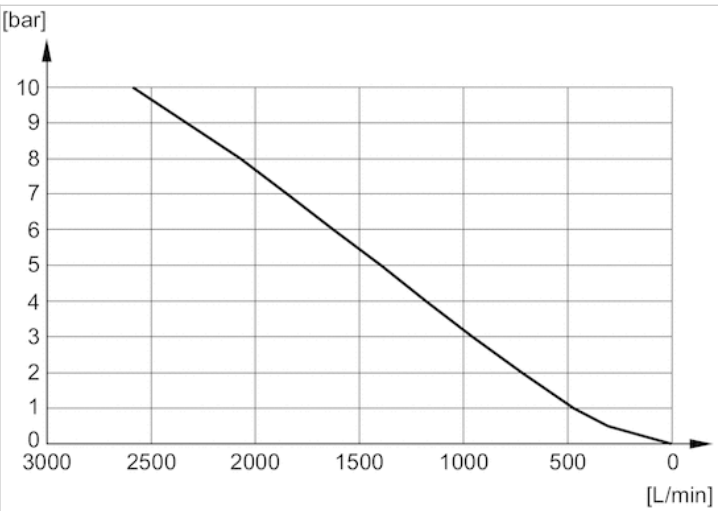
Flow diagram 5324001120



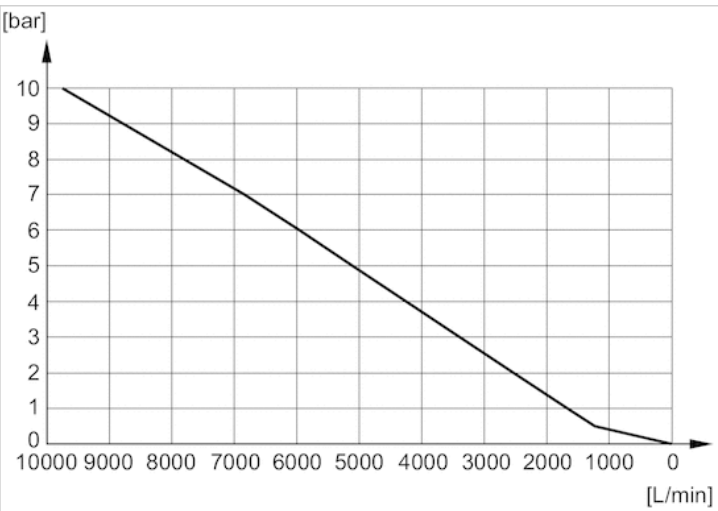
Flow diagram 5324001140



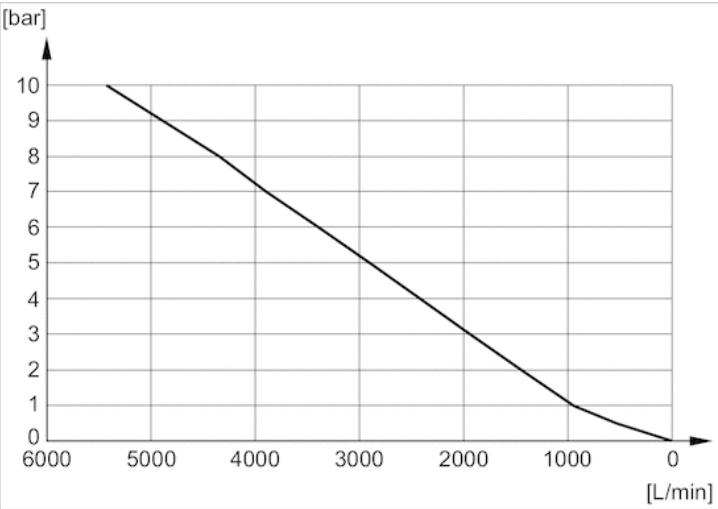
Flow diagram 1827000000



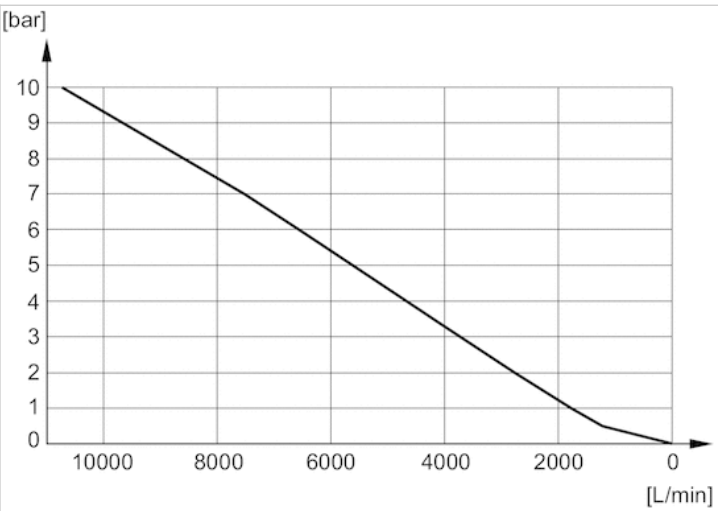
Flow diagram R412004817



Flow diagram 1827000001



Flow diagram 1827000002



Blanking plate



Working pressure min./max.	-0,9 ... 10 bar
Ambient temperature min./max.	0 ... 80 °C
Medium temperature min./max.	0 ... 80 °C
Medium	Compressed air
Mounting screw	with hexagon socket
Weight	0,02 kg

Technical data

Part No.
1825503932

Scope of delivery incl. mounting screws

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.

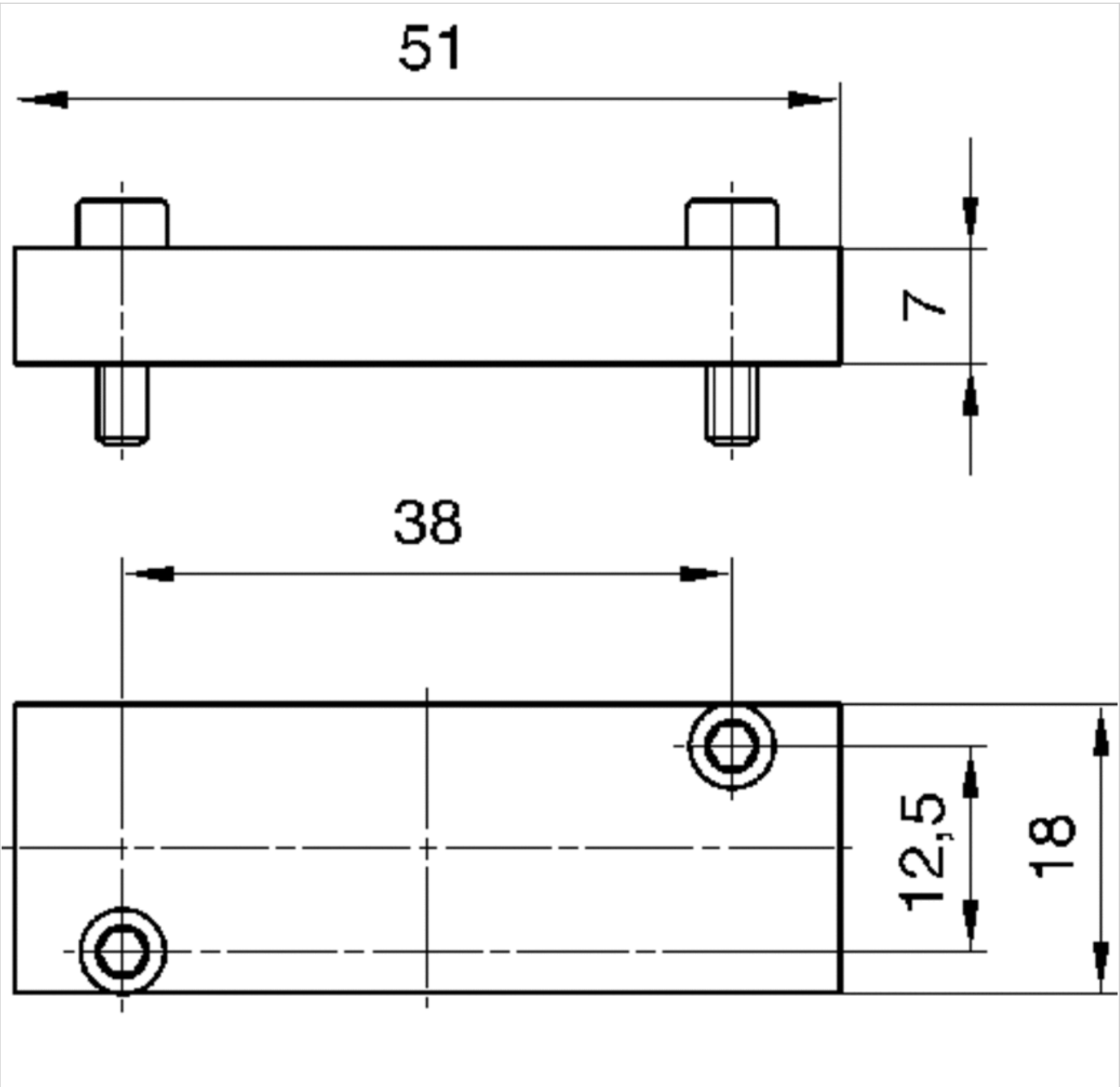
Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in the MediaCentre).

Technical information

Material	
Base plate	Aluminum

Dimensions

Dimensions



Manifold block

- Single base plate principle



Compressed air connection	according to ISO 228-1
Working pressure min./max.	See table below
Ambient temperature min./max.	See table below
Medium temperature min./max.	See table below
Medium	Compressed air
Direction of pneumatic port (1)	On the side
Direction of pneumatic port (3,5)	On the side
Exhaust type	Ports separated
Mounting screw	with hexagon socket
Weight	See table below

Technical data

Part No.	Compressed air connection Input [1]	Compressed air connection Exhaust [3 / 5]
1825503893	G 1/4	G 1/4
1825503894	G 1/4	G 1/4
1825503895	G 1/4	G 1/4
1825503896	G 1/4	G 1/4
1825503897	G 1/4	G 1/4
1825503898	G 1/4	G 1/4
1825503899	G 1/4	G 1/4
1825503900	G 1/4	G 1/4
1825503901	G 1/4	G 1/4

Part No.	Compressed air connection Pilot connection [X]	Compressed air connection Pilot control exhaust [R]
1825503893	-	-
1825503894	M5	M5
1825503895	-	-
1825503896	-	-
1825503897	-	-
1825503898	M5	M5
1825503899	-	-
1825503900	-	-
1825503901	-	-

Part No.	Working pressure min./max.	Number of valve positions	Grid dimension
1825503893	0 ... 10 bar	2	-
1825503894	-0,9 ... 10 bar	3	19 mm
1825503895	0 ... 10 bar	4	-
1825503896	0 ... 10 bar	5	-

Part No.	Working pressure min./max.	Number of valve positions	Grid dimension
1825503897	0 ... 10 bar	6	-
1825503898	-0,9 ... 10 bar	7	19 mm
1825503899	0 ... 10 bar	8	-
1825503900	0 ... 10 bar	9	-
1825503901	0 ... 10 bar	10	-

Part No.	Weight
1825503893	0,195 kg
1825503894	0,26 kg
1825503895	0,325 kg
1825503896	0,39 kg
1825503897	0,455 kg
1825503898	0,52 kg
1825503899	0,585 kg
1825503900	0,65 kg
1825503901	0,715 kg

Scope of delivery incl. seal and mounting screws

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.

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Technical information

Material	
Base plate	Aluminum
Seal	Acrylonitrile butadiene rubber

