3/2-shut-off valve, mechanically operated, Series AS1-BAV

- G 1/4
- Air supply left
- lockable
- for padlocks

Version	Ball valve
Activation	Mechanical
Lock type	lockable
Actuating element	rotary switch
Working pressure min./max.	0 ... 12 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Max. particle size	25 µm
Weight	0,15 kg

Technical data

Part No.	Compressed air connection	Compressed air connection
	Input	Output
R412014664	G 1/4	G 1/4

Part No.	Compressed air connection	Flow	Flow	Lock type
	Exhaust	Qn 1 ▸ 2	Qn 2▸3	
R412014664	G 1/4	2600 l/min	330 l/min	for padlocks

Technical information

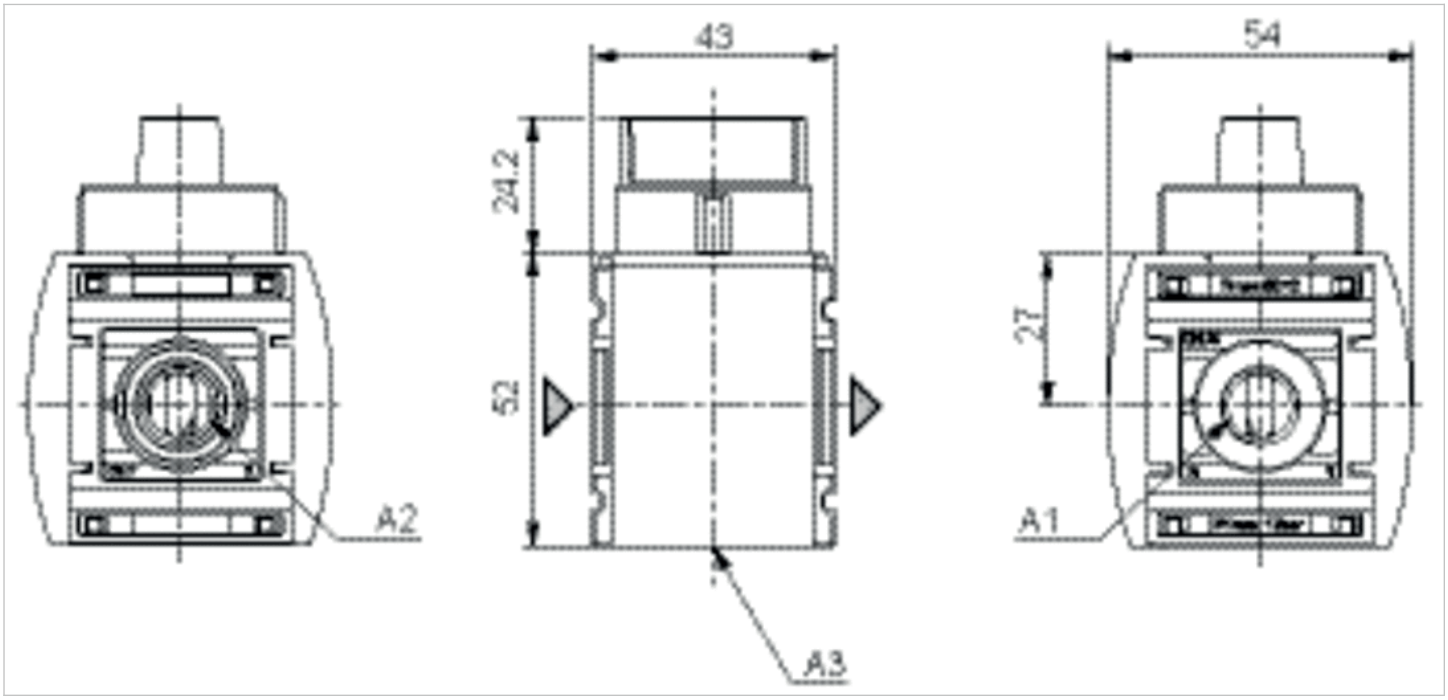
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Actuating element	Polyoxymethylene

Dimensions

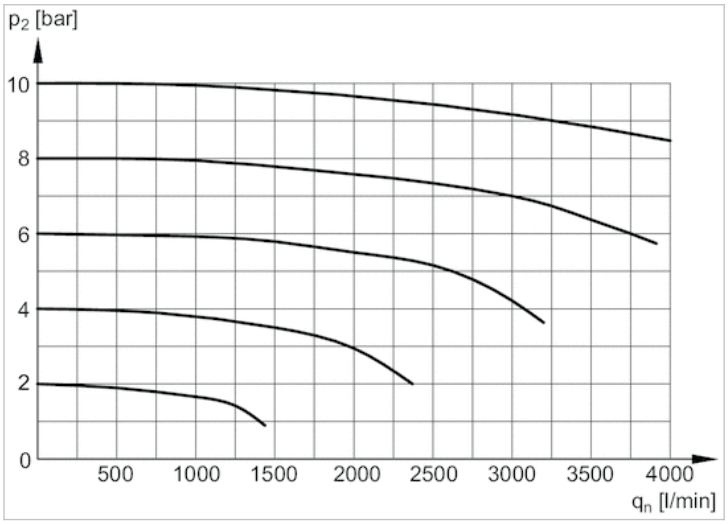
Dimensions



A1 = input
A2 = output
A3 = ventilation port

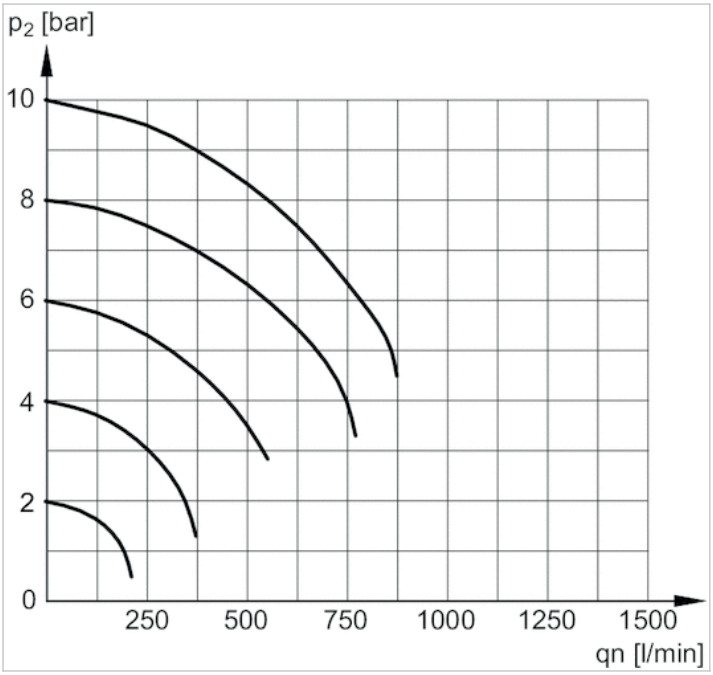
Diagrams

Flow rate characteristic



p2 = secondary pressureqn = nominal flow

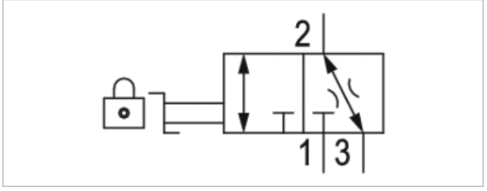
Rear exhaust



p2 = secondary pressureqn = nominal flow

3/2-shut-off valve, mechanically operated, Series AS2-BAV

- G 1/4 G 3/8
- lockable
- for padlocks
- suitable for ATEX



Version	Poppet valve
Activation	Mechanical
Lock type	lockable
Actuating element	rotary switch
Sealing principle	Soft sealing
Certificates	suitable for ATEX
Working pressure min./max.	0 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Max. particle size	25 µm
Weight	0,206 kg

Technical data

Part No.	Compressed air connection	Compressed air connection
	Input	Output
R412006260	G 1/4	G 1/4
R412006256	G 1/4	G 1/4
R412006261	G 3/8	G 3/8
R412006257	G 3/8	G 3/8

Part No.	Compressed air connection	Flow	Flow	Lock type
	Exhaust	Qn 1 ▸ 2	Qn 2▸3	
R412006260	G 1/4	2000 l/min	380 l/min	for padlocks
R412006256	G 1/4	2000 l/min	380 l/min	for padlocks
R412006261	G 1/4	2000 l/min	380 l/min	for padlocks
R412006257	G 1/4	2000 l/min	380 l/min	for padlocks

Part No.	Locking base
R412006260	Polyoxymethylene
R412006256	Steel galvanized
R412006261	Polyoxymethylene
R412006257	Steel galvanized

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

Suitable for use in Ex zones 1, 2, 21, 22

Technical information

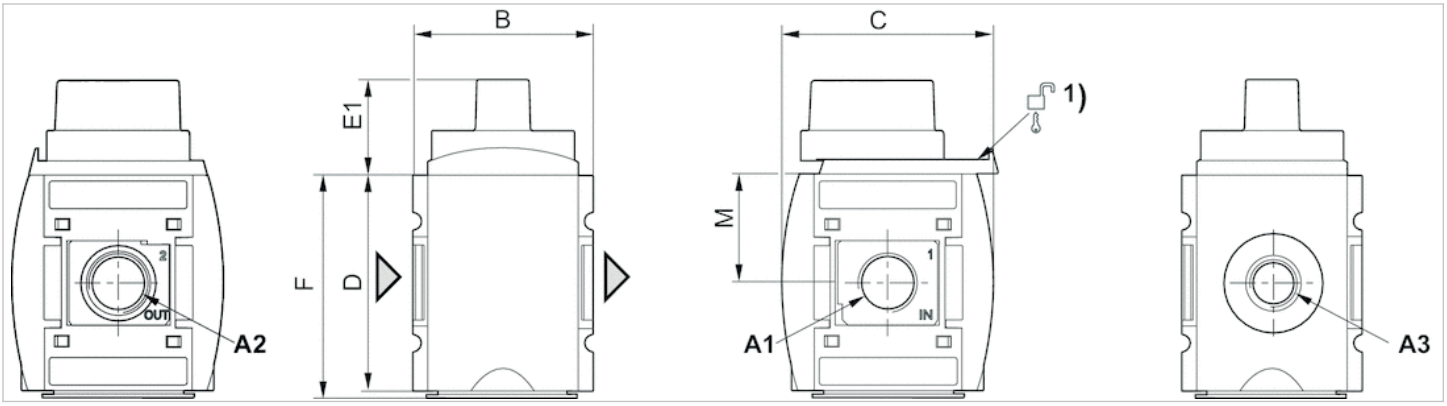
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
A short silencer is required for wall mounting (see accessories e.g. R412004817).
Suitable for use in Ex zones 1, 2, 21, 22

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Threaded bushing	Die cast zinc
Actuating element	Polyoxymethylene
Locking base	Polyoxymethylene Steel, galvanized

Dimensions

Dimensions



A1 = inputA2 = outputA3 = ventilation port
1) Mounting option for padlocks; max. shackle Ø 8

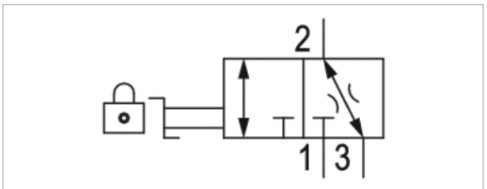
Dimensions in mm

A2	A3	B	C	D	E1	F	M
G 1/4	G 1/4	52	59	65	20.5	67	34
G 3/8	G 1/4	52	59	65	20.5	67	34

3/2-shut-off valve, mechanically operated, Series AS3-BAV

- G 3/8 G 1/2
- lockable
- for padlocks
- suitable for ATEX

Version	Ball valve
Activation	Mechanical
Lock type	lockable
Actuating element	rotary switch
Sealing principle	metal/metal sealing
Certificates	suitable for ATEX
Working pressure min./max.	0 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Max. particle size	25 µm
Weight	0,446 kg



Technical data

Part No.	Compressed air connection	Compressed air connection
	Input	Output
R412007260	G 3/8	G 3/8
R412007261	G 1/2	G 1/2

Part No.	Compressed air connection	Flow	Flow	Lock type	Locking base
	Exhaust	Qn 1 ▸ 2	Qn 2▸3		
R412007260	G 1/2	11000 l/min	130 l/min	for padlocks	Die cast zinc
R412007261	G 1/2	11000 l/min	130 l/min	for padlocks	Die cast zinc

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

Suitable for use in Ex zones 1, 2, 21, 22

Technical information

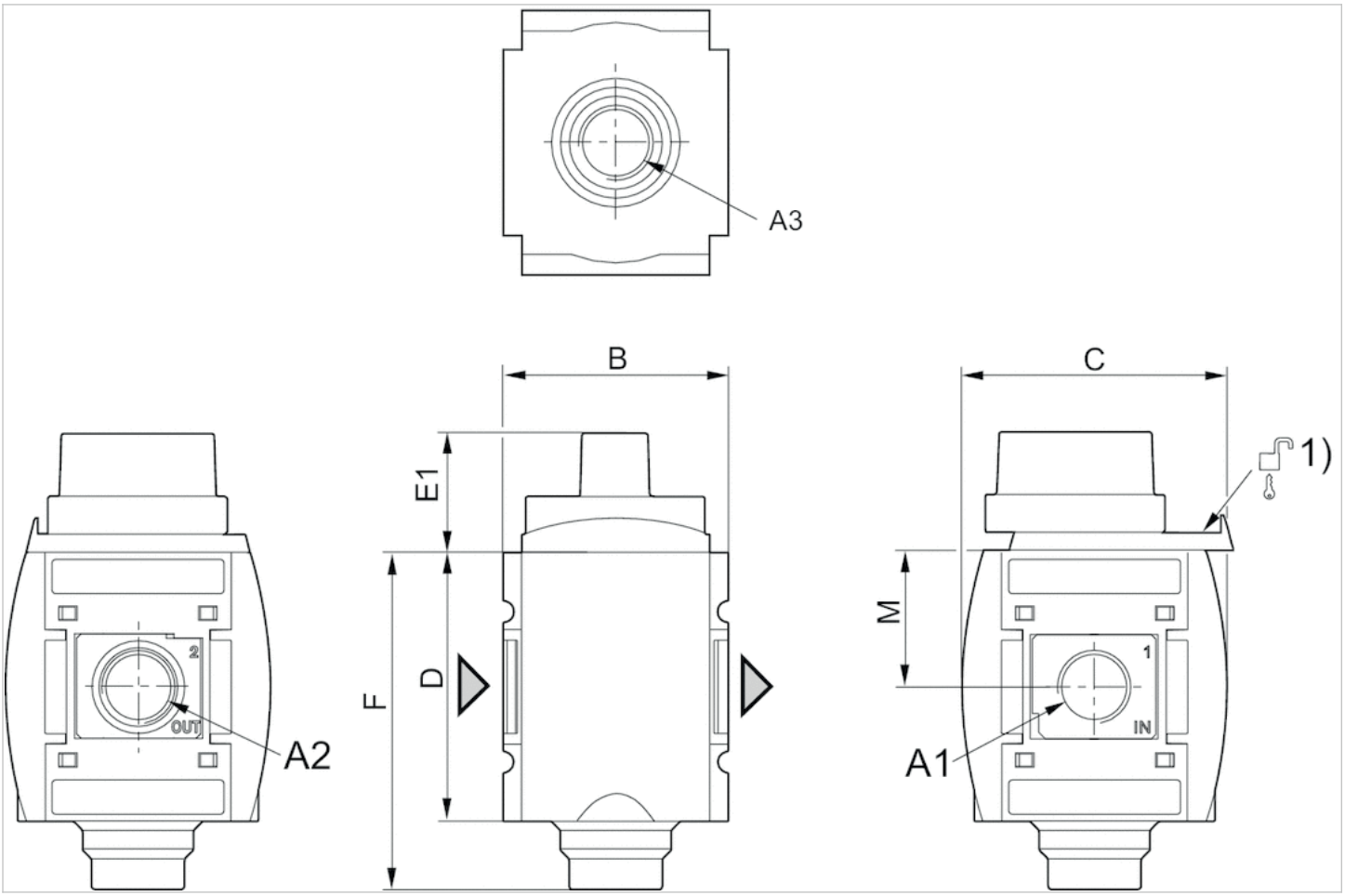
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
Suitable for use in Ex zones 1, 2, 21, 22
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Polytetrafluorethylene
Threaded bushing	Die cast zinc
Actuating element	Polyoxymethylene
Locking base	Die cast zinc

Dimensions

Dimensions



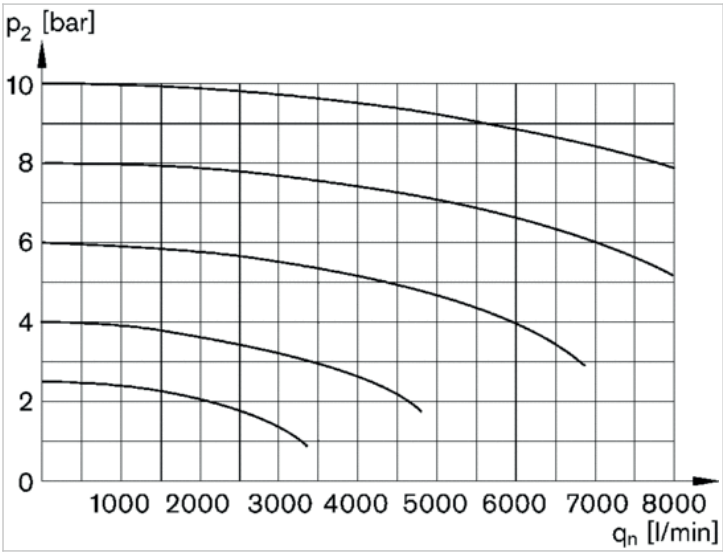
A1 = inputA2 = outputA3 = ventilation port
1) Mounting option for padlocks; max. shackle Ø 8

Dimensions in mm

A2	A3	B	C	D	E1	F	M
G 3/8	G 1/2	63	74	80	28	99	42.5
G 1/2	G 1/2	63	74	80	28	99	42.5

Diagrams

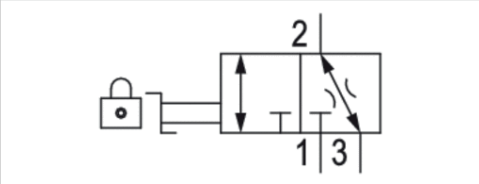
Flow rate characteristic



p2 = secondary pressureqn = nominal flow

3/2-shut-off valve, mechanically operated, Series AS5-BAV

- G 3/4 G 1
- lockable
- for padlocks
- suitable for ATEX



Version	Ball valve
Activation	Mechanical
Lock type	lockable
Actuating element	rotary switch
Sealing principle	metal/metal sealing
Certificates	suitable for ATEX
Working pressure min./max.	0 ... 16 bar
Ambient temperature min./max.	-10 ... 50 °C
Medium temperature min./max.	-10 ... 50 °C
Medium	Compressed air Neutral gases
Max. particle size	25 µm
Weight	0,825 kg

Technical data

Part No.	Compressed air connection	Compressed air connection
	Input	Output
R412009260	G 3/4	G 3/4
R412009261	G 1	G 1

Part No.	Compressed air connection	Flow	Flow	Lock type
	Exhaust	Qn 1 ▸ 2	Qn 2▸3	
R412009260	G 3/4	30000 l/min	130 l/min	for padlocks
R412009261	G 3/4	30000 l/min	130 l/min	for padlocks

Part No.	Locking base
R412009260	Steel galvanized
R412009261	Steel galvanized

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

Suitable for use in Ex zones 1, 2, 21, 22

Technical information

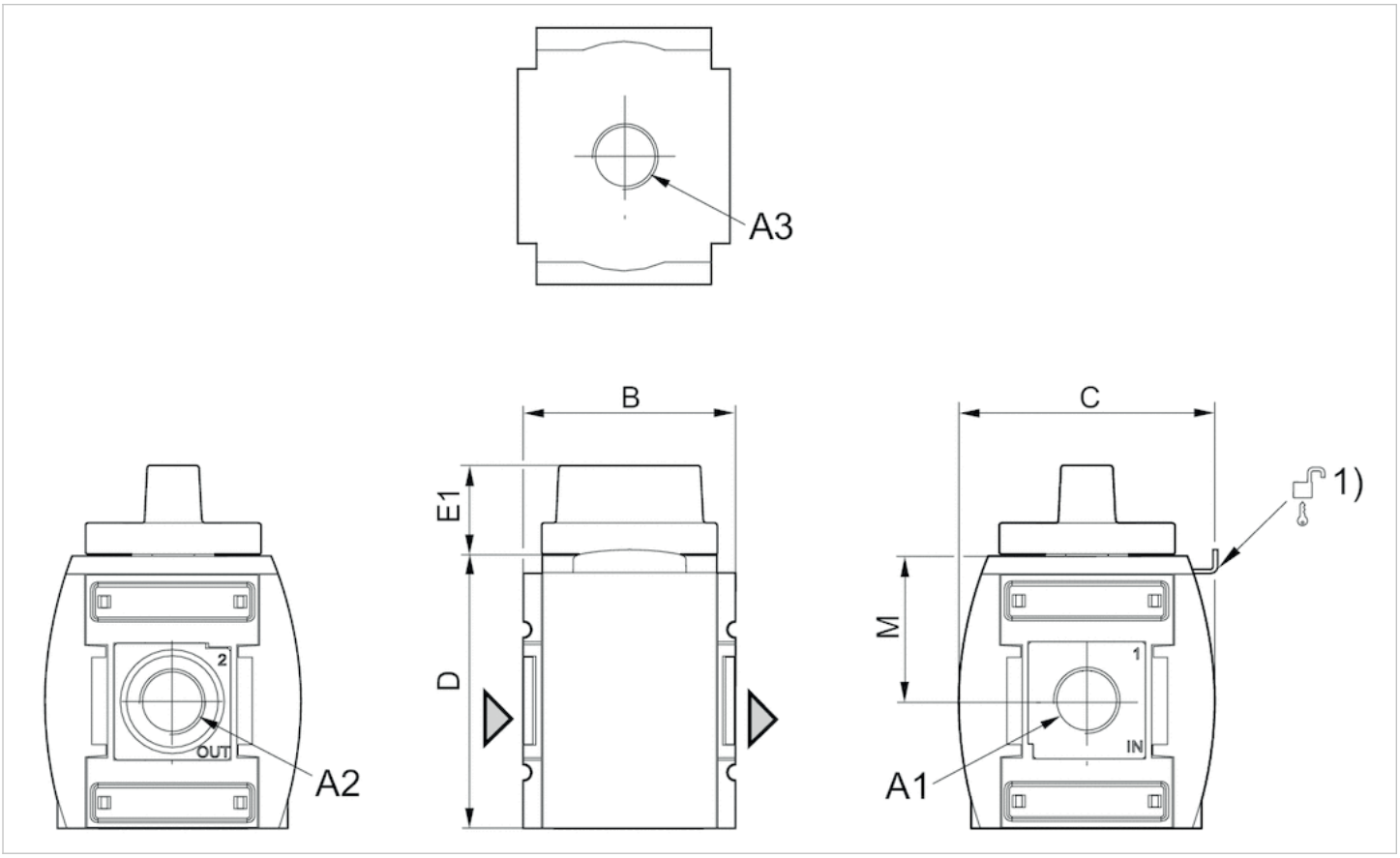
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
Suitable for use in Ex zones 1, 2, 21, 22
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Technical information

Material	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Polytetrafluorethylene
Threaded bushing	Die cast zinc
Actuating element	Polyoxymethylene
Locking base	Steel, galvanized

Dimensions

Dimensions



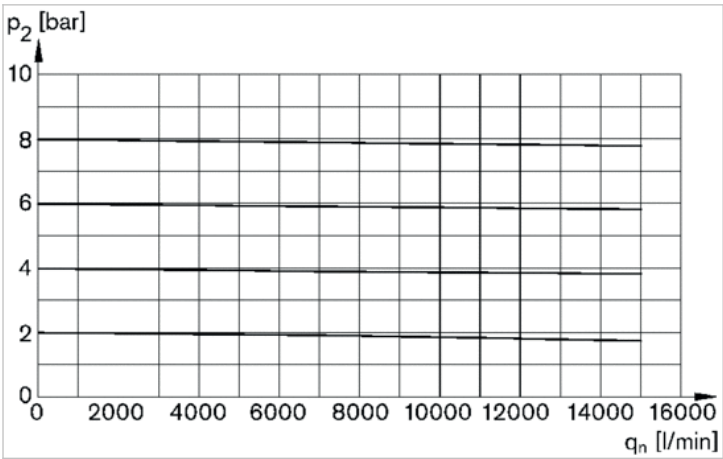
A1 = inputA2 = outputA3 = ventilation port
1) Mounting option for padlocks; max. shackle Ø 8

Dimensions in mm

A2	A3	B	C	D	E1	M
G 3/4	G 3/4	85	103	109	36	58
G 1	G 3/4	85	103	109	36	58

Diagrams

Flow rate characteristic



p2 = secondary pressureqn = nominal flow