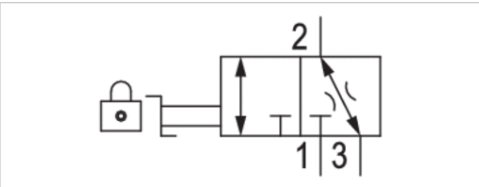
3/2-shut-off valve, mechanically operated, Series AS3-BAV

- Qn 1▸2 = 11000 l/min
- Qn 2▸3 = 130 l/min
- Compressed air connection output G 3/8 G 1/2
- suitable for ATEX



Type	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 type	Compressed air connection Input	Compressed air connection Output
R412007260	Internal thread	G 3/8	G 3/8
R412007261	Internal thread	G 1/2	G 1/2

Part No.	Compressed air connection Exhaust	Flow	Flow	Lock type	Locking base
		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

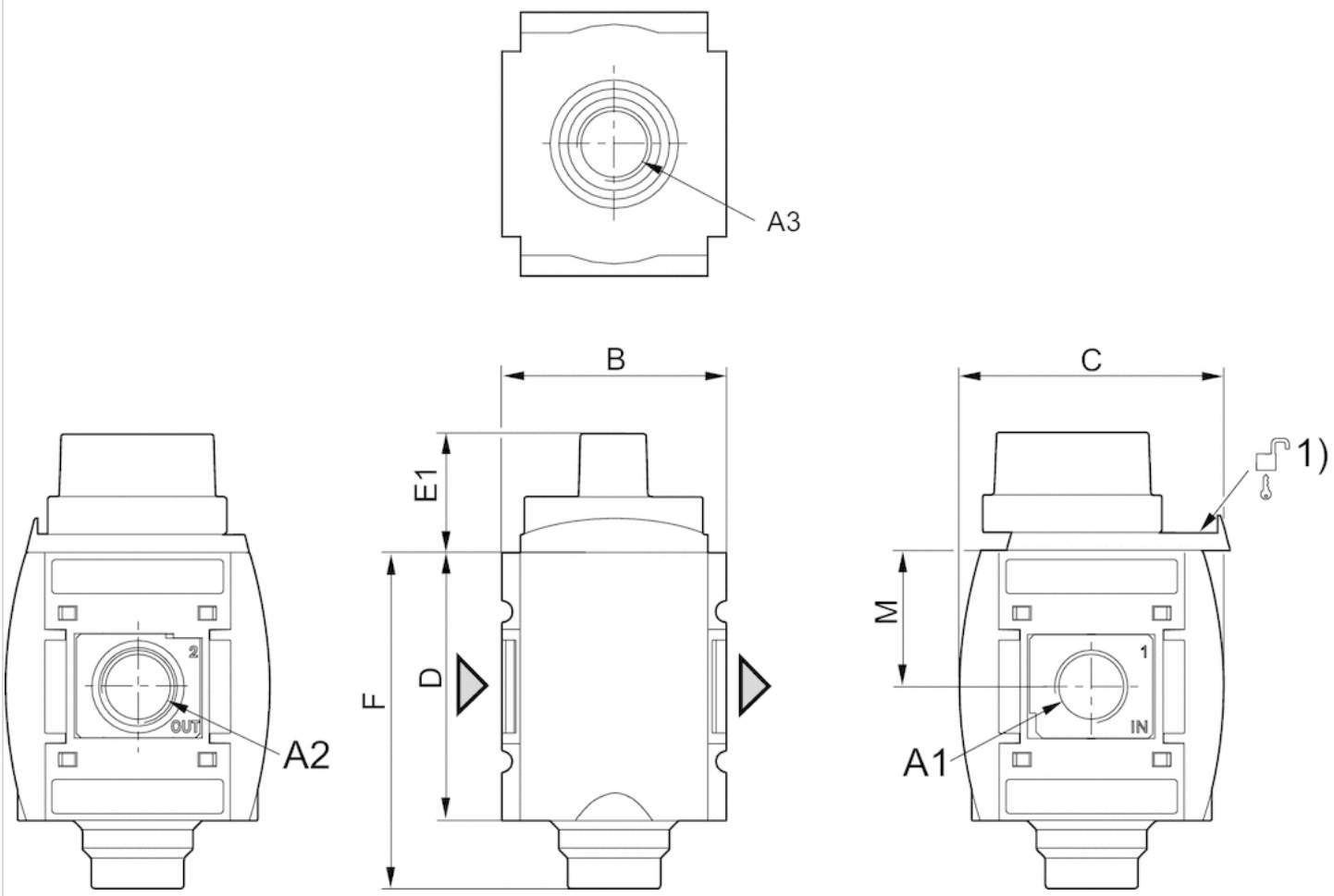
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
Suitable for use in Ex zones 1, 2, 21, 22.
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis.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



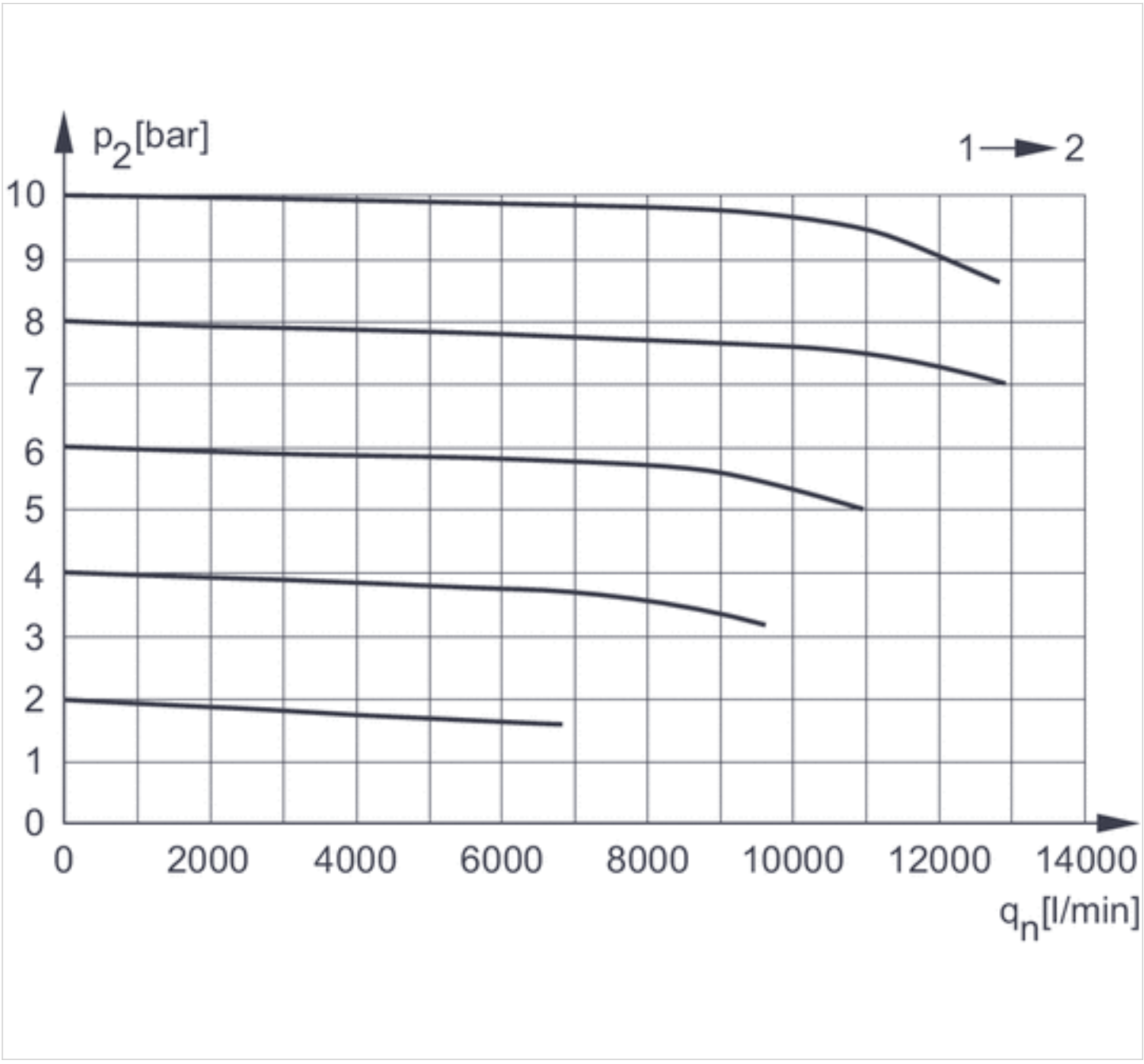
A1 = input
A2 = output
A3 = ventilation port
1) Mounting option for padlocks, max. shackle Ø 8

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

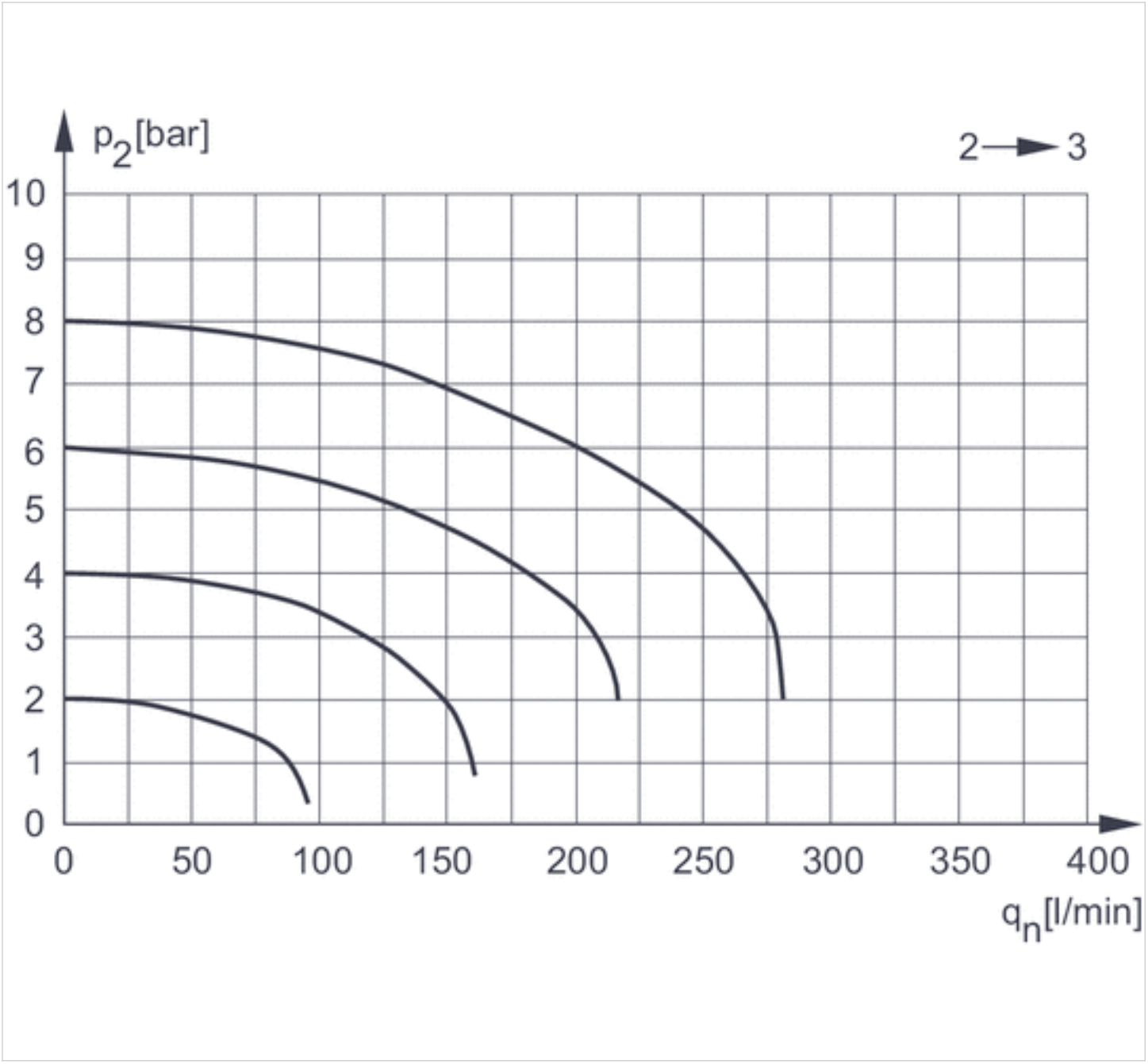
Diagrams

Flow rate characteristic



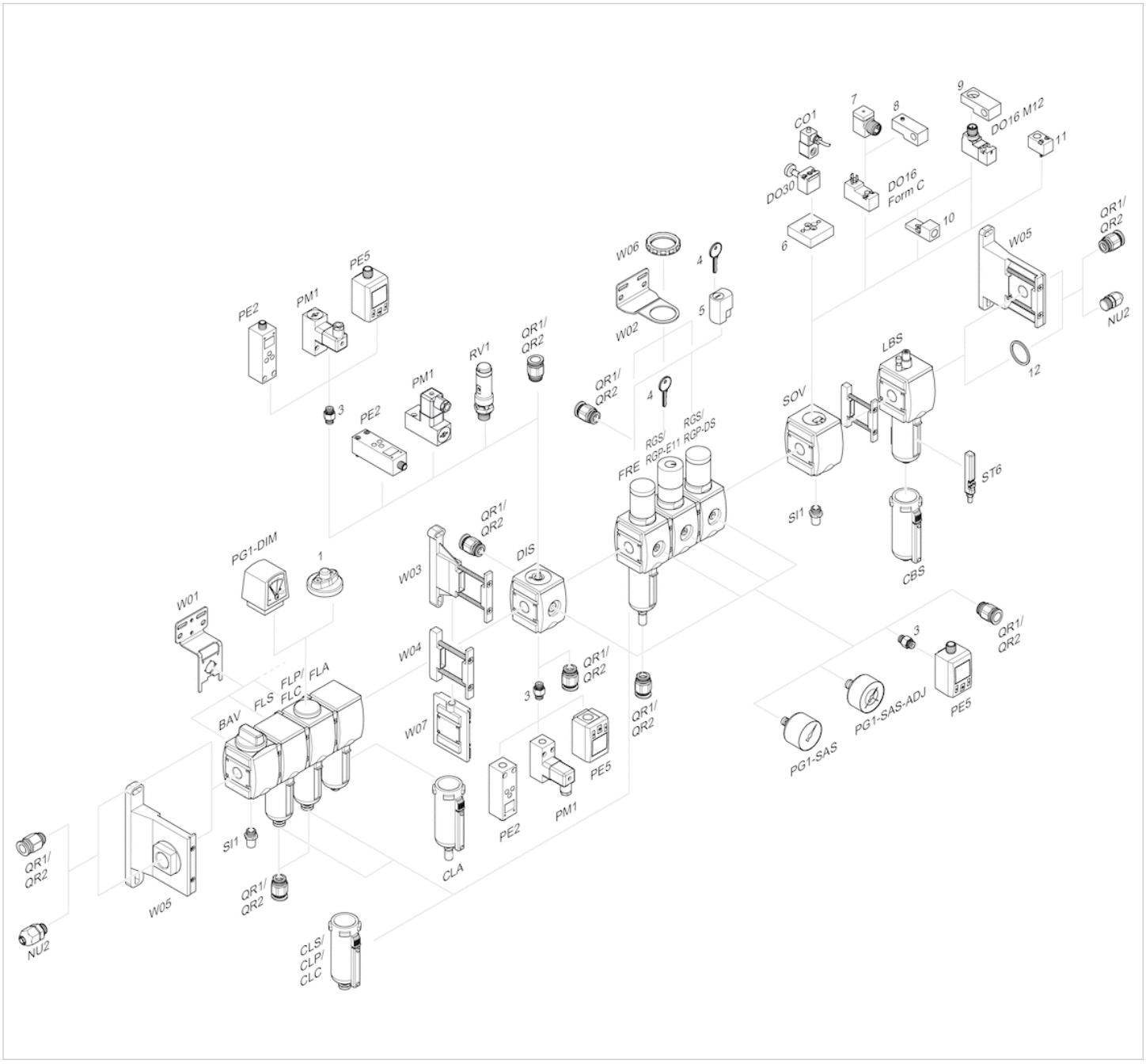
p2 = secondary pressure
qn = nominal flow

Rear exhaust



p2 = secondary pressure
qn = nominal flow

Accessories overview



1 = contamination display
3 = Double nipple
4 = Key for E11 locking
5 = mortise lock
6 = Transition plate DO30
7 = Adapter, Series CON-VP
8 = Mounting aid DO16, form C
9 = Mounting aid DO16, M12
10 = Adapter for external pilot air
11 = Adapter pneumatic operation
12 = Sealing ring