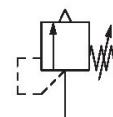


AVENTICS Safety valves



Technical data

Industry

Note

Type

Mounting

Industrial

Archive product: Do not use in new constructions!

Poppet valve

thread-in

Compressed air connection

Compressed air connection type 1

Compressed air connection 2

Opening pressure of valve

Nominal flow Qn 1 to 2

Min. working pressure

Max. working pressure

Min. ambient temperature

Max. ambient temperature

Medium

Certificates

G 1/2

External thread

G 3/4

8 bar

6723 l/min

0 bar

20 bar

-20 °C

100 °C

Compressed air

CE declaration of conformity

Material

Housing material

Brass

Seal material

Fluorocaoutchouc

Part No.

R412007558

Technical information

The specified performance values are achieved at a 10% (PE <[[1] bar], [[0,1] bar]) pressure increase, measured with compressed air at [[20]°C].

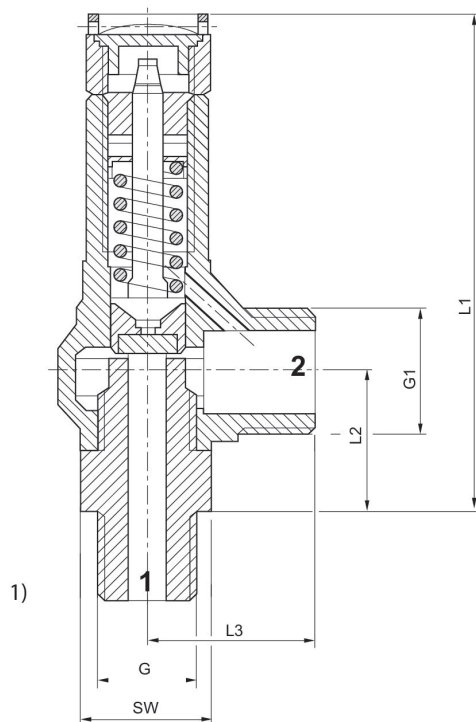
Opening pressure of valve < [[1] bar]

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 less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

Dimensions



1) Flow direction: 1 to 2

Series RV2

R412007558

Safety
valves

2026-07-09

Part No.	Port G	G1	L1	L2	L3	SW	T [Nm]	NW
R412007567	G 3/8	G 1/2	85	23.5	29	22	40	7
R412007722	G 3/8	G 1/2	85	23.5	29	22	40	7
R412007704	G 3/8	G 1/2	85	23.5	29	22	40	7
R412007558	G 1/2	G 3/4	105	30	32	25	65	10
R412007561	G 1/2	G 3/4	105	30	32	25	65	10
R412007563	G 3/4	G 1	136	37	45	35	160	14

T = recommended torque

NW = nominal width