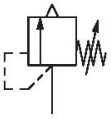
Series RV2

R412007558

2024-04-15

AVENTICS Safety valves



Technical data

Industry	Industrial
Type	Poppet valve
Mounting	thread-in
Compressed air connection 1	G 1/2
Compressed air connection type 1	External thread
Compressed air connection 2	G 3/4
Opening pressure of valve	8 bar
Nominal flow Qn 1 to 2	6723 l/min
Min. working pressure	0 bar
Max. working pressure	20 bar
Min. ambient temperature	-20 °C
Max. ambient temperature	100 °C
Medium	Compressed air
Certificates	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]

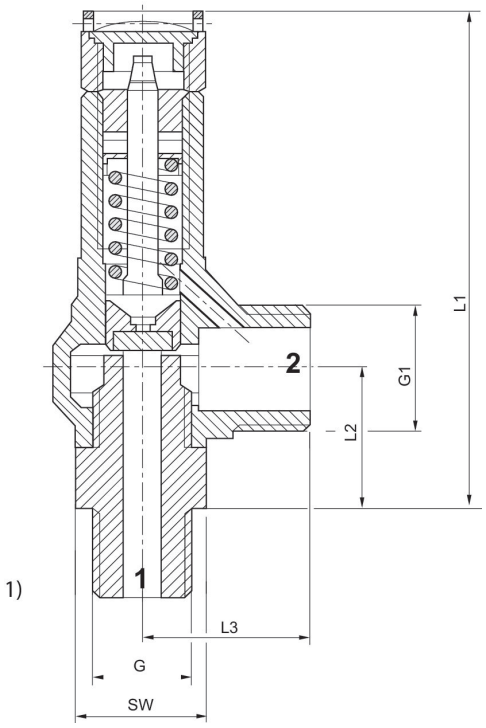
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

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.

Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in https://www.emerson.com/en-us/support).

Dimensions



1) Flow direction: 1 to 2

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